

Aftermarket Product Catalog 16.0

NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

New Aftermarket Products Released on this DVD:

- [75300 Secondary Ignition Pickup \(SIP\)](#)
- [75000 Auto Wave](#)
- [48365 Pressure Pro PC 5000](#)
- [77300 Flex Probe Combo Kit](#)
- [76564 COP Interceptor](#)
- [48265 Pressure Pro PC](#)

Past Product Spotlights:

- [90069 NGS PC On-Demand](#)
- [78065 PWM Power Pro](#)
- [62831 CST Cooling System Pressure Test Kit](#)
- [62801 CST Cooling System Adapter Kit](#)
- [62868 CST Cooling System Test & Adapter Kit](#)
- [62901 CSTHD Heavy Duty Cooling System Adapter Kit](#)
- [62968 CSTHD Heavy Duty Cooling System Test Kit](#)

Catalog Navigation

Our products are organized by the category which they service. Those categories are always available down the left-hand side of the catalog page. Once you've selected a category, the products available within that category are listed across the top of the active page.

All pages have Home, Previous, and Next buttons located at the bottom of the active page to ease in navigation.



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NGS PC On-Demand

NGS Mach II

NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts**

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90069 NGS PC On-Demand**Powerful Ford, Lincoln & Mercury Diagnostic Scan Tool for Your PC.**

NGS PC On-Demand is a subscription based software that turns your computer into a powerful cost effective scan tool for performing OE level diagnostics.



- One time hardware purchase
- Comes with free 30 day v10.0 (1996–2014MY) software subscription
- 3 subscription options to chose from: 7 days, 30 days, and 365 days
- Purchase subscriptions using billable diagnostic fees on an as needed basis

Features & Benefits

- User friendly menus provide quick access to on-board diagnostic functions for fast and efficient diagnosis.
- 1996 through 2014 current model year
- Power Balance misfire diagnostics
- Automated EVAP Monitor Test
- Diesel Diagnostic Coverage 7.3L, 6.0L, 6.4L, 6.7L
- Save parameter recordings, to create a database of vehicle histories and/or a reference library of known good values.
- Active Command Driver Seat Diagnostics
- ABS Service Bleed Functionality
- PATS Key Reprogramming
- Access all module protocols including UBP

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NGS PC On-Demand

NGS Mach II

NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****82065 NGS Mach II****25 Years of Coverage in One Tool!****Dealer Level Functionality...**

Accesses ALL Ford Proprietary Data, including body control modules,

1984 through the Current Model Year.***Twice the Functionality, Half the Diagnostics time.*****Features**

Twice the Display Area
 Increased memory
 LED indicators
 Embedded Software
 Internet Updateable
 New Platform

Benefits

Improved Readability
 Faster processing
 Instant link confirmation
 No cards/VIMs to swap
 Always current
 Future Expandability

More NGS information on the next page!

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NGS PC On-Demand

NGS Mach II

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82065 NGS Mach II (continued)

Performance Features

Features

- Dealer-level Functionality
- Proprietary OEM Code Retrieval & PID Display
- Active Commands/Bi-directional Controls
- Power Balance Misfire Diagnostics
- Automated EVAP Monitor Test
- PATS Key Reprogramming
- ABS Service Bleed Functionality
- Programmable Module Installation (PMI)*
- Module Configuration*
- Module Flash Capability*

Benefits

- Improved shop revenue
- Accurate Diagnosis
- Driver Seat Diagnostics
- Accurately identify misfiring cylinders
- Verification of system integrity
- Manage ALL security functions
- Access ALL brake service functions
- Trouble free new module installation
- Customize module settings
- Update module software

*Optional 81207 NGS WebFlash Kit may be required for certain applications



82065 NGS Mach II Kit

- 1. Mach II Unit w/Preloaded software
 - 2. OBD II/ EEC-V Cable
 - 3. EEC-IV Adapter Cable
 - 4. Computer Interface Cable
 - 5. Auxiliary Power Cable
 - 6. Instruction/USB driver CD
- Rugged Blo-molded Case not pictured



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NEW 75000 Auto Wave

Scope Out Voltage Without the Scope!

Use Auto Wave to quickly and easily verify that signals and voltages are present in waveform format using a voltage/time scale without the need for a scope and with more detail than a DVOM.

View signals on ignition primary, fuel injectors, MAF, O2, TPS, crank and cam, PWM components and much more.

Features & Benefits

- Auto Set Feature — Automatically sets time and voltage scale adjustment for the viewed signal or voltage.
- Zoom and Pan — Adjust the view of the signal for a more detailed wave form.
- 4 GB Micro SD Card — Save waveform snapshots for later review on the tool or a PC.
- Accurate Readings — Sample rate up to one million samples / second.
- Color LCD Display — Easy viewing of the waveform time and voltage scale.

Specifications

Voltage Input Range:	+/-150V (approx. 170V P/P viewable on LCD)
Sample Rate:	1 Ms/Sec @ 100uS/Division
Accuracy:	+/-2% FS (per range)
Voltage Ranges:	150V, 100V, 50V, 20V, 10V, 5V, 2V, 1V
Volt Meter :	+/-150V DC
Storage:	up to 9999 waves on SD card

Kit Contents

Auto Wave
Signal Probe
3-ft. Extender Cable
5-ft. Ground Cable
9 volt battery
4 GB SD Card and Adapter
Storage Case



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NEW

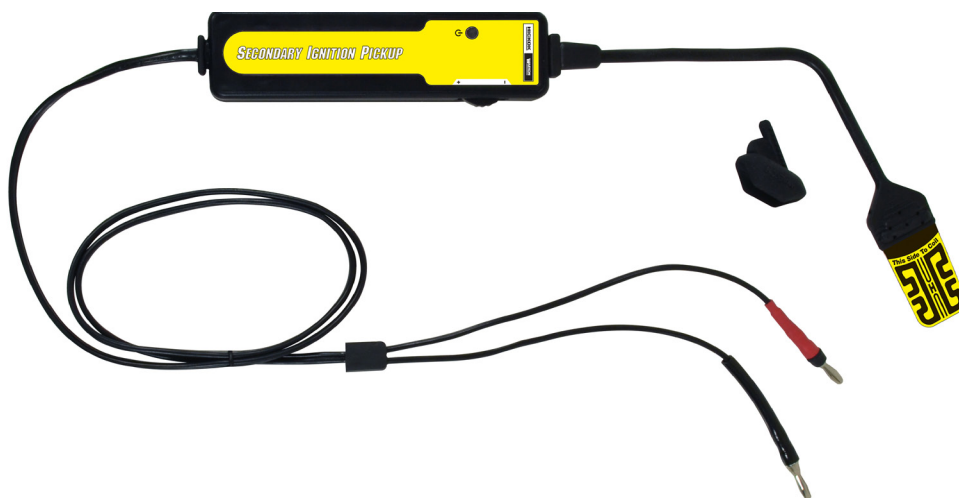
75300 Secondary Ignition Pickup (SIP)

Secondary Ignition system signal viewing accessory for Auto Wave

Designed for use with Auto Wave, the SIP allows for detailed secondary ignition waveforms on spark plug wires and COP ignition systems. Think of it as a window into the combustion chamber.

Features & Benefits

- The high impedance active pickup acquires high voltage waveforms.
- Works on Secondary Ignition wire and COP ignition systems.
- Long flexible probe easy access for hard to reach ignition systems.



Kit Contents:

- SIP Main Unit
- COP Pickup Paddle Adapter
- Secondary Ignition Wire Adapter
- Zippered Storage Case

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NEW 48365 Pressure Pro PC 5000

High Performance Pressure Measurements on your PC

It's like using an oscilloscope and gauge to look at dynamic pressures at the same time.

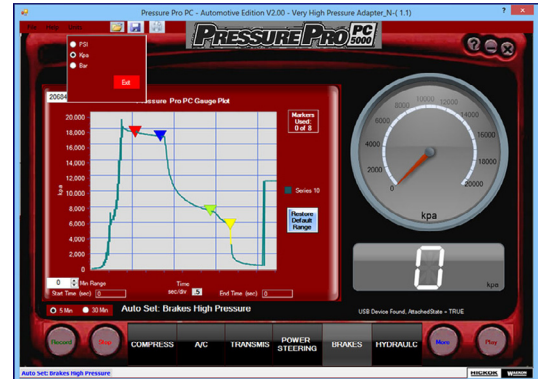
Accurate pressure measurements are more critical now than ever. Increase your diagnostic accuracy by viewing live pressure readings in Gauge (analog & digital) and Waveform formats all at once on your PC.

Features & Benefits

- Simple point and click operation
- Record, save, and playback up to 30 minutes of data
- Zoom and pan features for in-depth analysis.
- Live data displayed in waveform and gauge formats
- Set markers during recording to locate specific symptoms
- Compatible with Windows® XP, Windows® Vista, Windows® 7, and Windows® 8.
- Operating Range: 0 - 5000 psi
- Preset pressure ranges: Compression, AC, Transmission, Power Steering, Brakes, Hydraulics

Kit Contents

- 0 to 5000 psi pressure transducer pill
- 12" Extension hose
- 15 ft. USB cable
- PC application CD



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NEW
48265 Pressure Pro PC

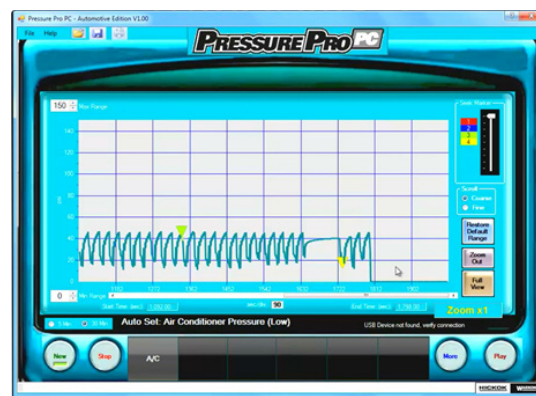
High Performance Pressure Measurements on your PC

It's like an oscilloscope to look at dynamic pressure and vacuum real-time without all the tedious set-up. Pressure Pro PC is a great addition to your current scan tool and laptop arsenal.

- Preset pressure ranges for fuel, turbo/compression, vacuum, oil, exhaust, and AC
 - Live data displayed in waveform and gauge formats
- Operating Range: -30inHg to 350psi



- Record, save, and playback up to 30 minutes of data
- Set markers during recording to locate specific symptoms



More Pressure Pro PC information on the next page!

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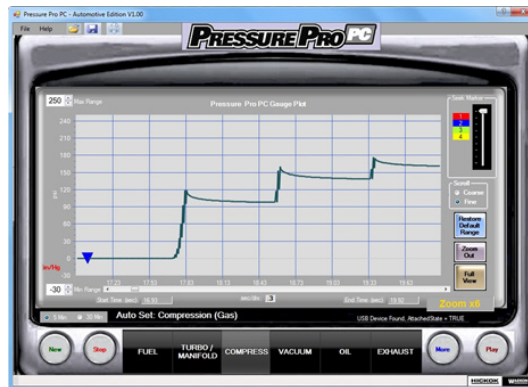
Emissions

Contact/Replace Parts

NEW

48265 Pressure Pro PC (continued)

- Zoom and pan features for in-depth analysis
- Operating Range: -30 inHg to 350 psi



Kit Contents:

- -30 inHg to 350 psi pressure transducer pill
- 10" hose with 7/16" x 20 JIC fitting
- (1) JIC to 1/4" Barb fitting
- (1) JIC to 1/8" NPT fitting
- PC application CD

Many vehicles use standard 7/16" x 20 JIC test fitting and will not require any additional adapters.



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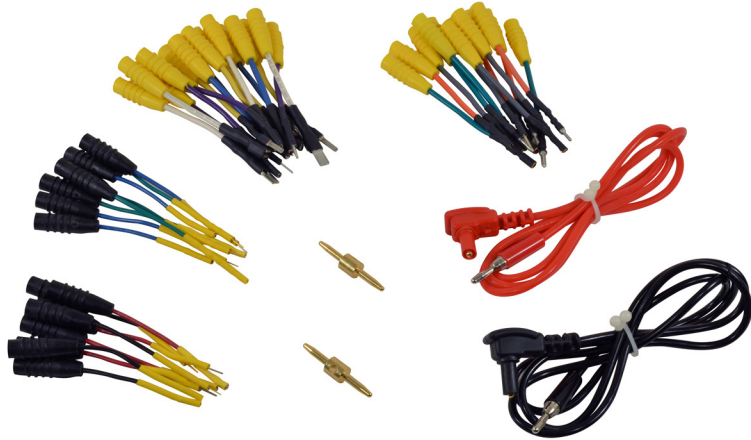
Circuit Testers

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NEW 77300 Flex Probe Combo Kit



A large assortment of matching male and female spade, round and micro terminal flexible probes. The kit includes universal multi-meter test leads with male banana plug ends for hands free solid connection and testing. The flexible probes are a perfect fit for most transportation industry connector pins providing safe diagnostic testing for today's complex computer and electrical systems without piercing wires.

- **Perfect fit for pin-out testing modules and wire harness connectors**
- **Micro pins fit newer vehicles with much smaller connectors***
- **Mini breakout box for closed circuit testing**
- **Safe pin connections prevent wire piercing**
- **Hands free banana plug meter test leads**

*Designed to be a perfect fit for the new smaller module and connector pins that many OEM's are now using on their vehicles.

See the next page for a full listing of the kit contents



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Quantity	Specs	Color/Description
2 Male/Female	.011"	Green Extra Large Round
2 Male/Female	.075"	Orange Medium Round
2 Male/Female	.06"	Gray Small Round

Spade Flex Probes (Yellow Boot)

Quantity	Specs	Color/Description
2 Male/Female	.02" x .09"	Blue Extra Small Spade
2 Male/Female	.0591 x .0315"	Purple Small Spade
2 Male/Female	.12"	Yellow Medium Spade
2 Male/Female	.25" x .032"	Green Micro Round

Micro Mate Flex Probes (Black boot)

Quantity	Specs	Color/Description
2 Male/Female	.025"	Black Micro Square
2 Male/Female	.025" x .039"	Red Micro Spade
2 Male/Female	.030"	Blue Micro Round
2 Male/Female	.039"	Green Micro Round

Accessories

Quantity	Color/Description
1	Black Universal Multi-Meter Test Lead
1	Red Universal Multi-Meter Test Lead
2	Gold Dual Banana Plug Tee Adapter



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NEW 76564 COP Interceptor Coil-On-Plug Ignition Tester

The COP Interceptor measures, displays and saves each coil-on-plug's secondary ignition data in real-time for detailed ignition analysis. View trend data for visual verification of an intermittent misfire that may not set codes.

- Simple to operate — easier than an oscilloscope.
- Works on multiple styles of COP ignition systems.
- 9" probe plus 2-1/2" bendable arm.



Features

- Easy two button operation
- Misfire counter and indicator
- No COP removal required
- Auto-set gain calibration
- Real-Time kV and mS

Benefits

- Simple to operate while providing advanced ignition data
- Catch intermittent problems that don't set a Diagnostic Trouble Code (DTC)
- Save time and test COP ignition under true operating conditions
- Calibrates itself to provide the most accurate data for multiple styles of COP ignition systems
- Measures secondary circuits breakdown voltage and arc/burn duration time individually as they happen

Kit Contents:

- COP Interceptor
- 9" Probe plus 2-1/2" bendable arm
- High sensitivity receiver pad
- Low sensitivity receiver pad
- 9 volt battery
- Soft zipper case



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78065 PWM Power Pro

Get Amp'd, Ramp Up Your Diagnostics!

Drive both PWM and DC motors, actuators, and solenoids.

Save Time—Test the component first

Current diagnostic routines dictate time consuming circuit testing and NEVER test the component.

More and more of today's vehicles are using pulse width modulated motors, actuators, and solenoids. You can't simply test them by directly applying 12 volts. This can cause expensive misdiagnosis.

PWM Power Pro is simply to connect and use. Save time, use the only tester capable of accurately driving both DC and PWM components on today's complex vehicles.

- Drive Fuel Pumps
- EGR/EVAP Solenoids
- HVAC Blower motors/ Blend doors
- Cooling Fans
- Drive-by-wire Actuators
- And much more!



More PWM Power Pro information on the next page!

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78065 PWM Power Pro (continued)

- Drive both PWM and DC components
- Delivers 0-40 Amps
- 0-100% Adjustable drive
- Drive connected or disconnected components
- Displays actual current draw



Kit Contents:

- Main unit with 7' cables
- (2) 3 ft. 40A Test Leads
- (2) Battery Clips
- (2) Alligator Clips
- (2) Female Spade Probes
- (1) Male Spade Probe



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45468 Diesel Fuel Injector Tester (DFIT)

How Much Is Your Time Worth?



Features & Benefits

- **15 minutes test time** — Significant time saving equals fast ROI. Eliminate time intensive diagnostic procedures
- **Connects to PCM harness** — No engine disassembly
- **Menu driven test procedures** — Accurate results, no training required. Eliminate time intensive diagnostic procedures.
- **Complete fuel system diagnosis** — No Scan Tool or other testers needed
- **Accurate test results** — Verify fuel system integrity
- **6.6L Duramax Diesel Engines** — 2001-2010 model year coverage
- **Tests** — High-Pressure Pump (Regulator), Total Return Flow, Cranking System, and Injectors Electrical/Flow

Why take the time to perform a beaker test if you don't have to? DFIT connects directly into the PCM harness, eliminating time consuming engine disassembly and should be your first step in any Duramax fuel system diagnostics.

The menu driven test procedure takes minutes to perform; providing a complete analysis of the high pressure pump (regulator), cranking system, system return flow, fuel injectors electrically under load and flow per cylinder.



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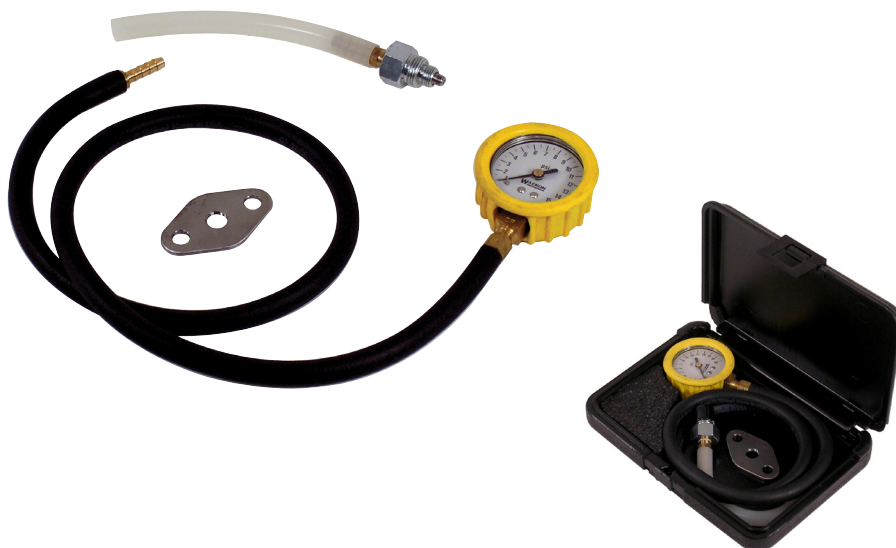
Circuit Testers

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BPT02 Back Pressure Tester



Quickly test backpressure and clogged or obstructed catalytic converters. Three stage adapter has 12MM & 18MM thread sizes to fit most domestic and import vehicles oxygen sensor ports. The standard 1/4"-20 tip provides the ability to test through the exhaust pipe when O2 sensor ports are inaccessible.* High temperature silicon hose prevents damage to tester from high exhaust temperatures.

Kit Contents:

- 0-15 PSI gauge
- 6" High temp silicone tube
- 3 Stage adapter
- Flange adapter
- Blo-molded carrying case!

* Pipe tap set not included.



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45665 Hickok G2 Diesel Injector Tester

World Leader In Fuel System Diagnosis.

For Ford Powerstroke & Navistar International 6.0L, 4.5 & I6 Engines*

Model year coverage 2003 - Current

Diagnose Drivability Problems

- White Smoke
- Hard Start
- Engine Miss
- Lack of Power
- No Start
- Faulty Spool Valve Performance
- No Codes



OEM Dealer Level Functionality

Most drivability issues in a G2 injector are caused by faulty injector timing or faulty spool valve performance (stiction). This issue causes drivability concerns such as: hard start, no start, lack of power, misfires and white smoke. In many cases no DTC codes are set by these conditions and occur when the engine is cold.

G2 Kit comes with G2 Injector Diesel Diagnostic Suite Software

The G2 Diesel Injector Tester is specifically designed to diagnose faulty spool valve performance whether the engine is hot or cold. The real-time data and graphic display of injector performance provides vital injector data for accurate diagnosis.

All current diagnostic methods only provide part of the picture. G2 Diesel Injector Tester is the ONLY tester on the market designed to show the whole picture.

**Some engines require the optional MaxxFer Cable. See the next page for more information.*



Laptop Computer not included

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45665 Hickok G2 Diesel Injector Tester (continued)

Features

- PC application software
- Injector control module direct connection
- Diagnose hot or cold engines
- Enhanced Diagnostic Suite software

Benefits

- Real-time display of injector performance
- Simplified hook-up
- Reduced diagnostic time
- Complete fuel system diagnostics

Vehicle Coverage

Ford

- Powerstroke 6.0L
- Low Cab Forward (LCF) 4.5L

International

- VT365 (6.0L) *MaxxForce 5 *MaxxForce 10
- VT275 (4.5L) & I6 *MaxxForce 9 *MaxxForce DT

**Requires the optional MaxxForce Cable. See the next page for more information.*

Kit Contents:

- Main Unit
- USB/Serial interface cable
- Injector control interface cable
- Ford OBD II PC interface cable
- PC software application CD
- Blo-molded carry case



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45601 Maxxforce Cable for G2

(For use with the 45665 G2 Diesel Injector Tester)

An accessory cable to the G2 Diesel Injector Tester providing fuel injector testing on the MaxxForce DT engines. Designed specifically for the intergrated Powertrain Control and Injector Driver Module design on MaxxForce DT engines beginning in the 2007 model year. The real time graphic display on a PC provides fast visual conformation of the injectors performance. The data provided is vital for drivability diagnostics. Faulty Spool Valve delay data is not available from any other tester on the market including original manufacturer scan tools.

Features

- Works on new MaxxForce DT engines
- Connects through injector controller module
- Works on hot or cold engines
- Diagnostic Suite Application software

Benefits

- Increased vehicle coverage
- Simplified hook-up
- Saves fuel system diagnostics
- Complete fuel system diagnostics

MAXXFORCE CABLE



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76462 Universal Electronic Fuel Injector Quick Probe



There's no faster way to detect electronic fuel injector functioning on any engine, gas or diesel.

No Hunting for injector wires to test at the connector or injector removal required. The probe is specifically designed to detect the vibrations emitted when the injector fires.

Simply press the 7" long probe tip against the injector body, adjust the sensitivity using the thumb-wheel and the bright LED strobe will flash each time the injector opens and closes. The strobe allows the you to determine if the injector is firing consistently, misfiring or not firing at all.



Backed by a Limited Lifetime Warranty



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76562 COP Quick Probe VS



The fastest way to verify the firing of a Coil Over Plug ignition coil and spark plug. It eliminates the need for back -probing coil wires and disassembly to test at the coil connector or spark plug. Variable sensitivity (VS) for greater diagnostic accuracy and expanded application coverage.

Simply press the 7" long antenna probe against the ignition coil and use the thumb-wheel to adjust the sensitivity until the LEDs begin flashing. Each time the unit detects a spark firing it will flash the bright LED strobe indicating sufficient kV and flash the green LED indicating sufficient Arc Duration. This allows the technician to determine if the coil is firing the spark plug consistently, intermittently misfiring or not firing at all.

- 7" Long Probe
- Super Bright LED kV Strobe and Green LED Arc Indicator
- Toll Free Tech Support
- Battery Operated



Backed by a Limited Lifetime Warranty



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76760 kV/Arc Quick Probe



There is no faster way to measure and compare peak kV, or verify the proper firing of the secondary ignition system, than with the kV/Arc Quick Probe.

The kV/Arc Quick Probe is easy to use – simply place the probe over the ignition wire. Each time the unit detects a spark firing, it will flash the super bright LED strobe indicating a spark-firing event with sufficient arc duration. Then press the button and the unit measures and displays peak kV on the LCD display.

The kV/Arc Quick Probe allows the user to determine if the secondary ignition is firing consistently, intermittently misfiring or not firing at all. Indicates spark polarity on DIS systems. Detect problems caused by faulty wires, plugs, cap, rotor, coil(s), etc. Works on distributor and DIS systems.

Battery Operated

Backed by Waekon's Limited Lifetime Warranty



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75000	75300	48365	48265	77300	76564	78065	45468
BPT02	45665	45601	76462	76562	76760	48065	48165

NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

48065 Digital Fuel Injection Grand Master Kit with Digital Remote Gauge



Faster, Safer And More Accurate.

The most comprehensive fuel injection test kit available!

Today's vehicles require tighter fuel pressure tolerances, some as little as +/- 2 psi. Many fuel related problems are only identifiable using digital accuracy.

- Digital Accuracy identifies problems analog gauges can't.
- Precisely calibrated to the same standards used in OEM shop manuals.
- Min/Max feature is ideal for road testing, captures dropouts without taking your eyes off the road.
- 100% Adapter Coverage Guarantee
- The proper adapter is always available, including late model applications.

Kit includes:

- Digital Gauge w/12 cord: Back lit LCD displays PSI, inHg, KPA and BAR.
- 22 adapter fittings guaranteed to fit all Foreign and Domestic MPFI Engines.
- Durable storage case.

Limited lifetime warranty on all hard parts.



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NGS Products

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Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

48165 Universal Digital Pressure Gauge with Remote Readout

- Versatile and accurate – 30 inHg to 350 PSI digital gauge, +/-1% accuracy - used to test fuel, oil, or transmission line pressure on both gasoline and diesel engines. Adapts to most popular pressure test kit adapters.
- Heavy duty case and digital readout. More robust than analog gauges, no mechanical parts to go out of calibration.
- Remote Readings - Fluids stay at the test point. The 10' cord enables the readout to be inside the vehicle while fluids remain outside. No taping gauges to the window or worrying about fluid leaks.
- Min/Max feature captures road-test pressure drop-outs.
- Digital accuracy provides fast repeatable results during injector pressure drop tests.
- Large back-lit readout offers superior readability in low lighting or sunlight.
- Displays PSI, KPA, inHg and BAR, no need to convert measurements.



Kit Contents:

- Remote digital pressure gauge
- Ford fuel schrader adapter.
- GM/Chrysler fuel schrader adapter.
- 1/8" male NPT to quick connect male adapter.
- Quick connect fitting fits most popular fuel and transmission pressure test kits.
- 1/8" male NPT transducer termination for easy adaptability.
- Rugged plastic storage case.



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**NEW
75000 Auto Wave**

Scope Out Voltage Without the Scope!

Use Auto Wave to quickly and easily verify that signals and voltages are present in waveform format using a voltage/time scale without the need for a scope and with more detail than a DVOM.

View signals on ignition primary, fuel injectors, MAF, O2, TPS, crank and cam, PWM components and much more.

Features & Benefits

- Auto Set Feature — Automatically sets time and voltage scale adjustment for the viewed signal or voltage.
- Zoom and Pan — Adjust the view of the signal for a more detailed wave form.
- 4 GB Micro SD Card — Save waveform snapshots for later review on the tool or a PC.
- Accurate Readings — Sample rate up to one million samples / second.
- Color LCD Display — Easy viewing of the waveform time and voltage scale.



Specifications

Voltage Input Range:	+/-150V (approx. 170V P/P viewable on LCD)
Sample Rate:	1 Ms/Sec @ 100uS/Division
Accuracy:	+/-2% FS (per range)
Voltage Ranges:	150V, 100V, 50V, 20V, 10V, 5V, 2V, 1V
Volt Meter :	+/-150V DC
Storage:	up to 9999 waves on SD card

Kit Contents

- Auto Wave
- Signal Probe
- 3-ft. Extender Cable
- 5-ft. Ground Cable
- 9 volt battery
- 4 GB SD Card and Adapter
- Storage Case



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts**

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NEW 48365 Pressure Pro PC 5000

High Performance Pressure Measurements on your PC

It's like using an oscilloscope and gauge to look at dynamic pressures at the same time.

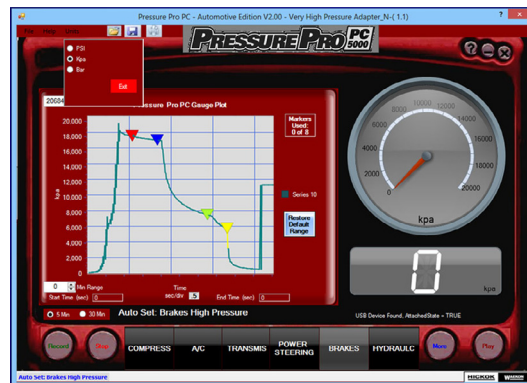
Accurate pressure measurements are more critical now than ever. Increase your diagnostic accuracy by viewing live pressure readings in Gauge (analog & digital) and Waveform formats all at once on your PC.

Features & Benefits

- Simple point and click operation
- Record, save, and playback up to 30 minutes of data
- Zoom and pan features for in-depth analysis.
- Live data displayed in waveform and gauge formats
- Set markers during recording to locate specific symptoms
- Compatible with Windows® XP, Windows® Vista, Windows® 7, and Windows® 8.
- Operating Range: 0 - 5000 psi
- Preset pressure ranges: Compression, AC, Transmission, Power Steering, Brakes, Hydraulics

Kit Contents

- 0 to 5000 psi pressure transducer pill
- 12" Extension hose
- 15 ft. USB cable
- PC application CD



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NGS Products

Engine/Driveability

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Brakes / ABS

Cooling System

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NEW 48265 Pressure Pro PC

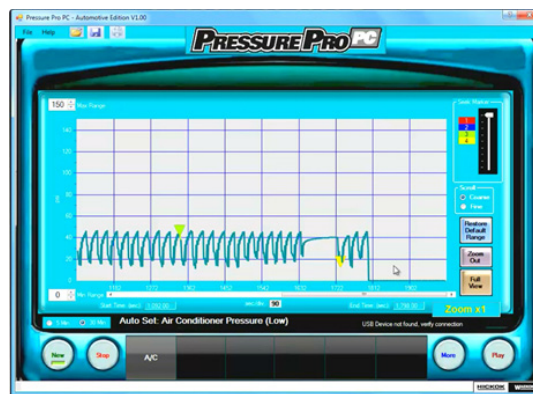
High Performance Pressure Measurements on your PC

It's like an oscilloscope to look at dynamic pressure and vacuum real-time without all the tedious set-up. Pressure Pro PC is a great addition to your current scan tool and laptop arsenal.

- Preset pressure ranges for fuel, turbo/compression, vacuum, oil, exhaust, and AC
- Live data displayed in waveform and gauge formats
Operating Range: -30inHg to 350psi



- Record, save, and playback up to 30 minutes of data
- Set markers during recording to locate specific symptoms



More Pressure Pro PC information on the next page!

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NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

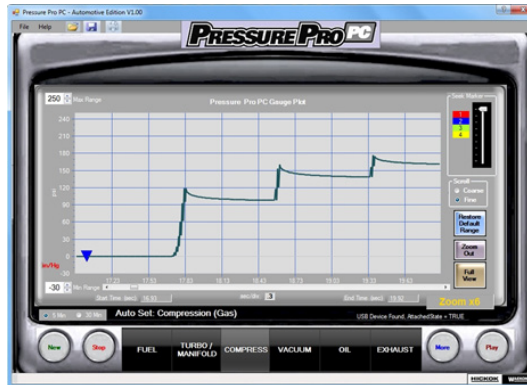
Emissions

Contact/Replace Parts

NEW

48265 Pressure Pro PC (continued)

- Zoom and pan features for in-depth analysis
- Operating Range: -30 inHg to 350 psi



Kit Contents:

- -30 inHg to 350 psi pressure transducer pill
- 10" hose with 7/16" x 20 JIC fitting
- (1) JIC to 1/4" Barb fitting
- (1) JIC to 1/8" NPT fitting
- PC application CD

Many vehicles use standard 7/16" x 20 JIC test fitting and will not require any additional adapters.



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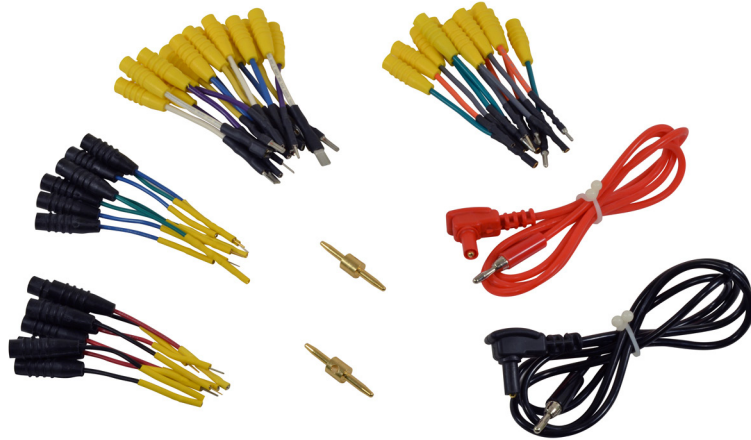


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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts**

NEW

77300 Flex Probe Combo Kit



A large assortment of matching male and female spade, round and micro terminal flexible probes. The kit includes universal multi-meter test leads with male banana plug ends for hands free solid connection and testing. The flexible probes are a perfect fit for most transportation industry connector pins providing safe diagnostic testing for today's complex computer and electrical systems without piercing wires.

- **Perfect fit for pin-out testing modules and wire harness connectors**
- **Micro pins fit newer vehicles with much smaller connectors***
- **Mini breakout box for closed circuit testing**
- **Safe pin connections prevent wire piercing**
- **Hands free banana plug meter test leads**

*Designed to be a perfect fit for the new smaller module and connector pins that many OEM's are now using on their vehicles.

See the next page for a full listing of the kit contents



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NGS Products

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Emissions

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77300 Flex Probe Combo Kit (cont.)

Kit Contents

Round Flex Probes (Yellow Boot)

Quantity	Specs	Color/Description
2 Male/Female	.011"	Green Extra Large Round
2 Male/Female	.075"	Orange Medium Round
2 Male/Female	.06"	Gray Small Round

Spade Flex Probes (Yellow Boot)

Quantity	Specs	Color/Description
2 Male/Female	.02" x .09"	Blue Extra Small Spade
2 Male/Female	.0591 x .0315"	Purple Small Spade
2 Male/Female	.12"	Yellow Medium Spade
2 Male/Female	.25" x .032"	Green Micro Round

Micro Mate Flex Probes (Black boot)

Quantity	Specs	Color/Description
2 Male/Female	.025"	Black Micro Square
2 Male/Female	.025" x .039"	Red Micro Spade
2 Male/Female	.030"	Blue Micro Round
2 Male/Female	.039"	Green Micro Round

Accessories

Quantity	Color/Description
1	Black Universal Multi-Meter Test Lead
1	Red Universal Multi-Meter Test Lead
2	Gold Dual Banana Plug Tee Adapter
1	Black Universal Multi-Meter Test Lead

75000	48365	48265	77300	78265	45468	45665	45601
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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****78265 Voltage Drop Pro**

**Don't blow your fuse misdiagnosing an electrical problem.
Get it right, Get it fast. The first time!**



- Real time loaded and unloaded voltage measurements
- Pinpoint excessive resistance
- Identify intermittent connections
- 1-20 Amp selectable current draw
- Computer controlled current limited circuit safe
- Test PWM circuits

Voltage Drop PRO automatically tests vehicle wiring under load and measures voltage drop in the circuit.

Real time loaded and unloaded voltage readings are displayed. Switch modes to view readings from both sides of the circuit, pinpointing any excessive voltage drops. User selected current draw allows the component current to be simulated. Volt Drop Pro won't blow fuses or damage computers. The Wiggle Test feature operates continuously aiding in intermittent signal drop out detection.



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NGS Products

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45468 Diesel Fuel Injector Tester (DFIT)

How Much Is Your Time Worth?



Features & Benefits

- **15 minutes test time** — Significant time saving equals fast ROI. Eliminate time intensive diagnostic procedures
- **Connects to PCM harness** — No engine disassembly
- **Menu driven test procedures** — Accurate results, no training required. Eliminate time intensive diagnostic procedures.
- **Complete fuel system diagnosis** — No Scan Tool or other testers needed
- **Accurate test results** — Verify fuel system integrity
- **6.6L Duramax Diesel Engines** — 2001-2010 model year coverage
- **Tests** — High-Pressure Pump (Regulator), Total Return Flow, Cranking System, and Injectors Electrical/Flow

Why take the time to perform a beaker test if you don't have to? DFIT connects directly into the PCM harness, eliminating time consuming engine disassembly and should be your first step in any Duramax fuel system diagnostics.

The menu driven test procedure takes minutes to perform; providing a complete analysis of the high pressure pump (regulator), cranking system, system return flow, fuel injectors electrically under load and flow per cylinder.



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****45665 Hickok G2 Diesel Injector Tester****World Leader In Fuel System Diagnosis.**

For Ford Powerstroke & Navistar International 6.0L, 4.5 & I6 Engines*

Model year coverage 2003 - Current

Diagnose Drivability Problems

- White Smoke
- Hard Start
- Engine Miss
- Lack of Power
- No Start
- Faulty Spool Valve Performance
- No Codes

**OEM Dealer Level Functionality**

Most drivability issues in a G2 injector are caused by faulty injector timing or faulty spool valve performance (stiction). This issue causes drivability concerns such as: hard start, no start, lack of power, misfires and white smoke. In many cases no DTC codes are set by these conditions and occur when the engine is cold.

G2 Kit comes with G2 Injector Diesel Diagnostic Suite Software

The G2 Diesel Injector Tester is specifically designed to diagnose faulty spool valve performance whether the engine is hot or cold. The real-time data and graphic display of injector performance provides vital injector data for accurate diagnosis.

All current diagnostic methods only provide part of the picture. G2 Diesel Injector Tester is the ONLY tester on the market designed to show the whole picture.

**Some engines require the optional MaxxForce Cable. See the next page for more information.*



Laptop Computer not included



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts**

45601 Maxxforce Cable for G2

(For use with the 45665 G2 Diesel Injector Tester)

An accessory cable to the G2 Diesel Injector Tester providing fuel injector testing on the MaxxForce DT engines. Designed specifically for the intergrated Powertrain Control and Injector Driver Module design on MaxxForce DT engines beginning in the 2007 model year. The real time graphic display on a PC provides fast visual conformation of the injectors performance. The data provided is vital for drivability diagnostics. Faulty Spool Valve delay data is not available from any other tester on the market including original manufacturer scan tools.

Features

- Works on new MaxxForce DT engines
- Connects through injector controller module
- Works on hot or cold engines
- Diagnostic Suite Application software

Benefits

- Increased vehicle coverage
- Simplified hook-up
- Saves fuel system diagnostics
- Complete fuel system diagnostics

MAXXFORCE CABLE


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NGS Products

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62968 CSTDH Heavy Duty Cooling System Testers

Coverage for large over-the road trucks!

CSTDH's high quality, easy to use design eliminates potential leak issues with rubber plugs or bladders, reduces set up time and quickly pressurizes and maintains system pressure so you can find the leak the first time.

Heavy Duty Cooling System Test and Refill Kit Includes:

- 5 Heavy Duty Vehicle Adapters
- "A" Spindle Adapter
- Pressure Test Regulator
- 5' Pressure release hose



Truck Coverage for both kits:

- Freightliner
- Volvo
- Kenworth
- Sterling
- International
- GMC
- Peterbilt
- Mack

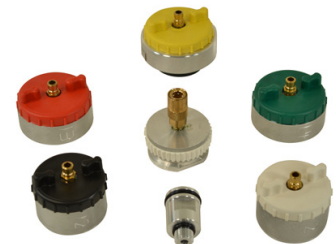
Features and Benefits for both kits:

- One piece all aluminum adapters that last a lifetime
- Quick disconnect hook-up design minimizes set up time
- Uses shop air to maintain constant system pressure
- Lifetime warranty on adapters

62901 Heavy Duty Cooling System Adapter Kit

Heavy Duty Cooling System Adapter Kit Includes:

- 5 Heavy Duty Vehicle Adapters
- "A" Spindle Adapter
- Universal CAM Style Adapter



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****20560 ABS Sensor Pinpoint Tester**

The quickest, most comprehensive Wheel Speed Sensor diagnostic tester available!



- Works on All old and new style wheel speed sensors
- Identify problems DVOM's will miss
- Identify sensor shorts or opens
- Visually verify sensor signal output
- Signal simulation enables easy wire harness testing

The ABS Sensor Pinpoint Tester is the quickest way to verify proper wheel speed sensor operation. Simply connect the tester to the sensor and spin the wheel.

The parade of LED's provide visual confirmation of signal output. The signal error LED indicates erratic or intermittent signal output.

When used with a scan tool that provides wheel speed sensor data, the Signal simulation feature simplifies pinpointing wire harness problems.

Kit Contents:

- Main Unit
- 14 Male/Female Flex Probe Adapters
- 2 Alligator Clip Flex Probes
- Test lead set (3 leads)



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts**

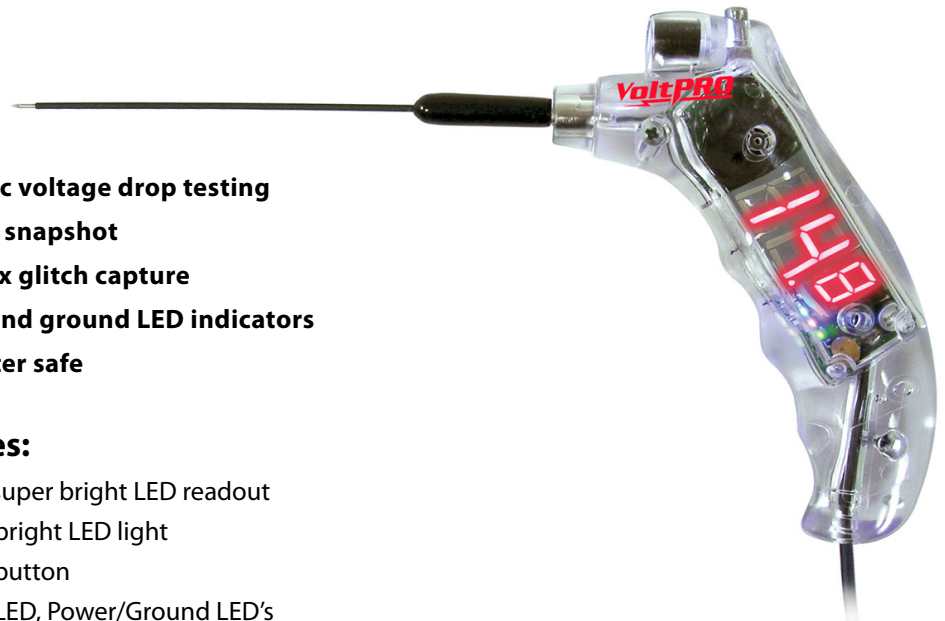
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76600 VoltPRO (HI-VIS)

High visibility, simple to use, one handed dynamic voltage testing. Indicates Power and Grounds. Test the circuit's ability to deliver current and identify loose, corroded or broken wires. Capture intermittent spikes or drops in voltage. Take Voltage Snapshots in any mode, any time.



- Dynamic voltage drop testing
- Voltage snapshot
- Min/Max glitch capture
- Power and ground LED indicators
- Computer safe

Features:

- Large super bright LED readout
- Super bright LED light
- Mode button
- Mode LED, Power/Ground LED's
- 4" Removable probe extension
- Limited Lifetime Warranty

Kit Contents:

- VoltPRO
- 4" Probe extension
- 2' Battery adapter
- Zippered storage case

Specs:

- Range: 0-99.9 VDC
- Accuracy: +/- 1% full scale
- Resolution: 0.1 VDC
- Sample rate: 100/sec



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NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

77266 Professional Connector Probing Master Kit

A complete assortment of Lifetime Guaranteed connector terminal probes, test leads, and general-purpose probes designed specifically to provide the greatest possible coverage for the professional automotive technician's electrical testing needs.

Kit Includes:

- 12 Micro Spade/Square Male/Female
- 12 Micro Round Male/Female
- 12 Small Spade Male/Female
- 6 Small Round Male/Female
- 12 Large/Medium Spade Male/Female
- 12 Large/Medium Round Male/Female
- 2 Tight Spot Test Leads Red/Black
- 2 Probe Tips Standard Probe
- 2 Probe Tips Micro Probe Pin
- 2 Screw-on Alligator Clips
- 2 Screw-on Banana Plugs
- 3 Banana Plug Breakout Adapters
- 10 Replacement Micro Probe Pin Tips



Backed by a Limited Lifetime Warranty.



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20560 48365

NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****20560 ABS Sensor Pinpoint Tester***The quickest, most comprehensive Wheel Speed Sensor diagnostic tester available!*

- Works on All old and new style wheel speed sensors
- Identify problems DVOM's will miss
- Identify sensor shorts or opens
- Visually verify sensor signal output
- Signal simulation enables easy wire harness testing

The ABS Sensor Pinpoint Tester is the quickest way to verify proper wheel speed sensor operation. Simply connect the tester to the sensor and spin the wheel.

The parade of LED's provide visual confirmation of signal output. The signal error LED indicates erratic or intermittent signal output.

When used with a scan tool that provides wheel speed sensor data, the Signal simulation feature simplifies pinpointing wire harness problems.

Kit Contents:

- Main Unit
- 14 Male/Female Flex Probe Adapters
- 2 Alligator Clip Flex Probes
- Test lead set (3 leads)



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20560 48365

NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts**

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NEW 48365 Pressure Pro PC 5000

High Performance Pressure Measurements on your PC

It's like using an oscilloscope and gauge to look at dynamic pressures at the same time.

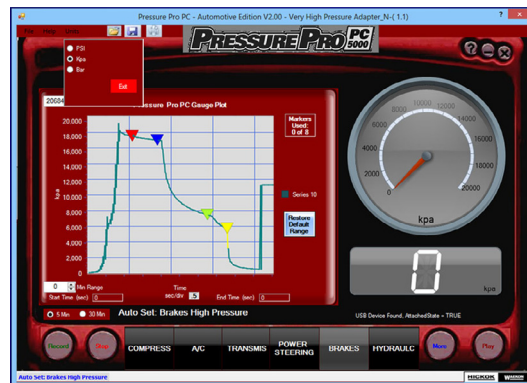
Accurate pressure measurements are more critical now than ever. Increase your diagnostic accuracy by viewing live pressure readings in Gauge (analog & digital) and Waveform formats all at once on your PC.

Features & Benefits

- Simple point and click operation
- Record, save, and playback up to 30 minutes of data
- Zoom and pan features for in-depth analysis.
- Live data displayed in waveform and gauge formats
- Set markers during recording to locate specific symptoms
- Compatible with Windows® XP, Windows® Vista, Windows® 7, and Windows® 8.
- Operating Range: 0 - 5000 psi
- Preset pressure ranges: Compression, AC, Transmission, Power Steering, Brakes, Hydraulics

Kit Contents

- 0 to 5000 psi pressure transducer pill
- 12" Extension hose
- 15 ft. USB cable
- PC application CD



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62868

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62901

NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****62868 CST Cooling System Test & Adapter Kit***Cooling system pressure test kits and adapters for cars and light trucks.*

CSTHD's high quality, easy to use design eliminates potential leak issues with rubber plugs or bladders, reduces set up time and quickly pressurizes and maintains system pressure so you can find the leak the first time.

Features and Benefits:

- One piece all aluminum adapters that last a lifetime
- Quick disconnect hook-up design minimizes set up time
- Uses shop air to maintain constant system pressure
- Lifetime warranty on adapters

**Cooling System Test and Adapter Kit Includes:**

- Pressure test regulator
- 9 Machined aluminum adapters
- Twist Lock "A" size and small neck radiator adapter (B & C retainers)
- Universal CAM style adapter
- 5' pressure bleed off hose
- "A" & "B" spindle adapters

***This kit combines both the 62831 & 62801 kits
Universal CAM style adapter not included.***



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****TOLL FREE TECH SUPPORT**
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62831 CST Cooling System Pressure Test Kit

Cooling system pressure test kits and adapters for cars and light trucks.

Cooling System Pressure Test Kit Includes:

- Pressure test regulator
- Twist Lock "A" size and small neck radiator adapter (B & C retainers)
- 5' pressure bleed off hose



62801 CST Cooling System Adapter Kit

Cooling System Adapter Kit Includes:

- 9 Machined aluminum adapters
- Universal CAM style adapter
- "A" & "B" spindle adapters



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts**

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62968 CSTHD Heavy Duty Cooling System Testers**Coverage for large over-the road trucks!**

CSTHD's high quality, easy to use design eliminates potential leak issues with rubber plugs or bladders, reduces set up time and quickly pressurizes and maintains system pressure so you can find the leak the first time.

Heavy Duty Cooling System Test and Refill Kit Includes:

- 5 Heavy Duty Vehicle Adapters
- "A" Spindle Adapter
- Pressure Test Regulator
- 5' Pressure release hose

**Truck Coverage for both kits:**

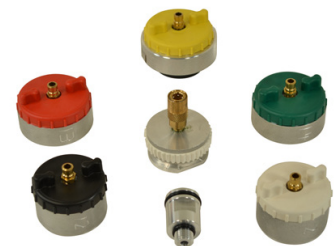
- Freightliner • Volvo • Kenworth • Sterling
- International • GMC • Peterbilt • Mack

Features and Benefits for both kits:

- One piece all aluminum adapters that last a lifetime
- Quick disconnect hook-up design minimizes set up time
- Uses shop air to maintain constant system pressure
- Lifetime warranty on adapters

62901 Heavy Duty Cooling System Adapter Kit**Heavy Duty Cooling System Adapter Kit Includes:**

- 5 Heavy Duty Vehicle Adapters
- "A" Spindle Adapter
- Universal CAM Style Adapter



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts**

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NEW 75000 Auto Wave

Scope Out Voltage Without the Scope!

Use Auto Wave to quickly and easily verify that signals and voltages are present in waveform format using a voltage/time scale without the need for a scope and with more detail than a DVOM.

View signals on ignition primary, fuel injectors, MAF, O2, TPS, crank and cam, PWM components and much more.

Features & Benefits

- Auto Set Feature — Automatically sets time and voltage scale adjustment for the viewed signal or voltage.
- Zoom and Pan — Adjust the view of the signal for a more detailed wave form.
- 4 GB Micro SD Card — Save waveform snapshots for later review on the tool or a PC.
- Accurate Readings — Sample rate up to one million samples / second.
- Color LCD Display — Easy viewing of the waveform time and voltage scale.



Specifications

Voltage Input Range:	+/-150V (approx. 170V P/P viewable on LCD)
Sample Rate:	1 Ms/Sec @ 100uS/Division
Accuracy:	+/-2% FS (per range)
Voltage Ranges:	150V, 100V, 50V, 20V, 10V, 5V, 2V, 1V
Volt Meter :	+/-150V DC
Storage:	up to 9999 waves on SD card

Kit Contents

Auto Wave
Signal Probe
3-ft. Extender Cable
5-ft. Ground Cable
9 volt battery
4 GB SD Card and Adapter
Storage Case

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75000 78265 76600 SST42V CPT-01

NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****78265 Voltage Drop Pro**

**Don't blow your fuse misdiagnosing an electrical problem.
Get it right, Get it fast. The first time!**



- Real time loaded and unloaded voltage measurements
- Pinpoint excessive resistance
- Identify intermittent connections
- 1-20 Amp selectable current draw
- Computer controlled current limited circuit safe
- Test PWM circuits

Voltage Drop PRO automatically tests vehicle wiring under load and measures voltage drop in the circuit.

Real time loaded and unloaded voltage readings are displayed. Switch modes to view readings from both sides of the circuit, pinpointing any excessive voltage drops. User selected current draw allows the component current to be simulated. Volt Drop Pro won't blow fuses or damage computers. The Wiggle Test feature operates continuously aiding in intermittent signal drop out detection.



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts**

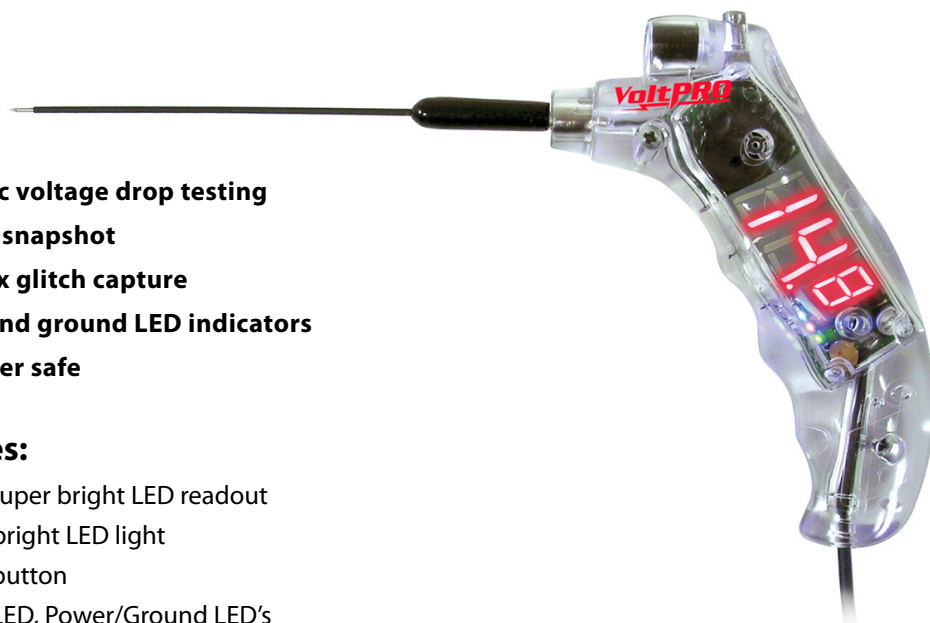
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76600 VoltPRO (HI-VIS)

High visibility, simple to use, one handed dynamic voltage testing. Indicates Power and Grounds. Test the circuit's ability to deliver current and identify loose, corroded or broken wires. Capture intermittent spikes or drops in voltage. Take Voltage Snapshots in any mode, any time.



- Dynamic voltage drop testing
- Voltage snapshot
- Min/Max glitch capture
- Power and ground LED indicators
- Computer safe

Features:

- Large super bright LED readout
- Super bright LED light
- Mode button
- Mode LED, Power/Ground LED's
- 4" Removable probe extension
- Limited Lifetime Warranty

Kit Contents:

- VoltPRO
- 4" Probe extension
- 2' Battery adapter
- Zippered storage case

Specs:

- Range: 0-99.9 VDC
- Accuracy: +/- 1% full scale
- Resolution: 0.1 VDC
- Sample rate: 100/sec



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75000 78265 76600 SST42V CPT-01

NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****SST42V
Electronic LED Test Light**

Computer and air bag safe! Identifies power, ground and opens on 6, 12, 24 and 42 volt circuits. Quickly find broken wires, blown fuses, bad switches and more!

- New - Now works on 6V, 12V, 24V and 42 volt circuits. 42 Volt hybrid compatible!
- New - Super Bright LED Headlamp, great for working under dash, under hood or behind door panels.
- New -Microprocessor controlled current loading capability for a TRUE test of powers and grounds. All the advantages of an incandescent Test Light, but computer and air bag safe.
- New - Dual Audible Tone and bicolor LED indicate power, ground or open circuits.
- Includes: 4" probe extension, screw-on alligator clip, and banana plug.
- Rugged blow molded case

Backed by a **13-month Warranty**



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75000 78265 76600 SST42V CPT-01

NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****CPT-01 Cockpit Tester**

Test relays, motors, lights and more!

Includes: 8' coiled probes with cigarette plug to provide easy access to power and ground and two (2) screw-on alligator clips.

Backed by a Limited Lifetime Warranty



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NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

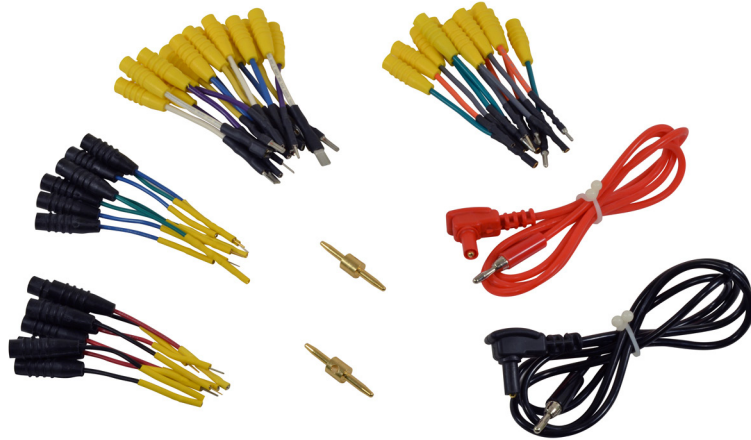
Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

NEW 77300 Flex Probe Combo Kit



A large assortment of matching male and female spade, round and micro terminal flexible probes. The kit includes universal multi-meter test leads with male banana plug ends for hands free solid connection and testing. The flexible probes are a perfect fit for most transportation industry connector pins providing safe diagnostic testing for today's complex computer and electrical systems without piercing wires.

- **Perfect fit for pin-out testing modules and wire harness connectors**
- **Micro pins fit newer vehicles with much smaller connectors***
- **Mini breakout box for closed circuit testing**
- **Safe pin connections prevent wire piercing**
- **Hands free banana plug meter test leads**

*Designed to be a perfect fit for the new smaller module and connector pins that many OEM's are now using on their vehicles.

See the next page for a full listing of the kit contents



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NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

77300 Flex Probe Combo Kit (cont.)

Kit Contents

Round Flex Probes (Yellow Boot)

Quantity	Specs	Color/Description
2 Male/Female	.011"	Green Extra Large Round
2 Male/Female	.075"	Orange Medium Round
2 Male/Female	.06"	Gray Small Round

Spade Flex Probes (Yellow Boot)

Quantity	Specs	Color/Description
2 Male/Female	.02" x .09"	Blue Extra Small Spade
2 Male/Female	.0591 x .0315"	Purple Small Spade
2 Male/Female	.12"	Yellow Medium Spade
2 Male/Female	.25" x .032"	Green Micro Round

Micro Mate Flex Probes (Black boot)

Quantity	Specs	Color/Description
2 Male/Female	.025"	Black Micro Square
2 Male/Female	.025" x .039"	Red Micro Spade
2 Male/Female	.030"	Blue Micro Round
2 Male/Female	.039"	Green Micro Round

Accessories

Quantity	Color/Description
1	Black Universal Multi-Meter Test Lead
1	Red Universal Multi-Meter Test Lead
2	Gold Dual Banana Plug Tee Adapter



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NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

77266 Professional Connector Probing Master Kit

A complete assortment of Lifetime Guaranteed connector terminal probes, test leads, and general-purpose probes designed specifically to provide the greatest possible coverage for the professional automotive technician's electrical testing needs.

Kit Includes:

- 12 Micro Spade/Square Male/Female
- 12 Micro Round Male/Female
- 12 Small Spade Male/Female
- 6 Small Round Male/Female
- 12 Large/Medium Spade Male/Female
- 12 Large/Medium Round Male/Female
- 2 Tight Spot Test Leads Red/Black
- 2 Probe Tips Standard Probe
- 2 Probe Tips Micro Probe Pin
- 2 Screw-on Alligator Clips
- 2 Screw-on Banana Plugs
- 3 Banana Plug Breakout Adapters
- 10 Replacement Micro Probe Pin Tips



Backed by a Limited Lifetime Warranty.



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NGS Products

Engine/Driveability

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Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

77202 Perfect Mate SPADE Terminal Probe Adapter Set



The Perfect Mate Probe Adapter Tips are designed to be a perfect fit for most automotive connector pins. They work great for "hands free" jumper wire testing. The Tee Connection Adapter provides a solid connection for road testing. It acts like a universal breakout box for virtually any 2 or 3 pin connector on the vehicle.

Backed by a Limited Lifetime Warranty.



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NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

77203 Perfect Mate ROUND Terminal Probe Adapter Set



The Perfect Mate Probe Adapter Tips are designed to be a perfect fit for most automotive connector pins. They work great for "hands free" jumper wire testing. The Tee Connection Adapter provides a solid connection for road testing. It acts like a universal breakout box for virtually any 2 or 3 pin connector on the vehicle.

Backed by a Limited Lifetime Warranty.



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NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

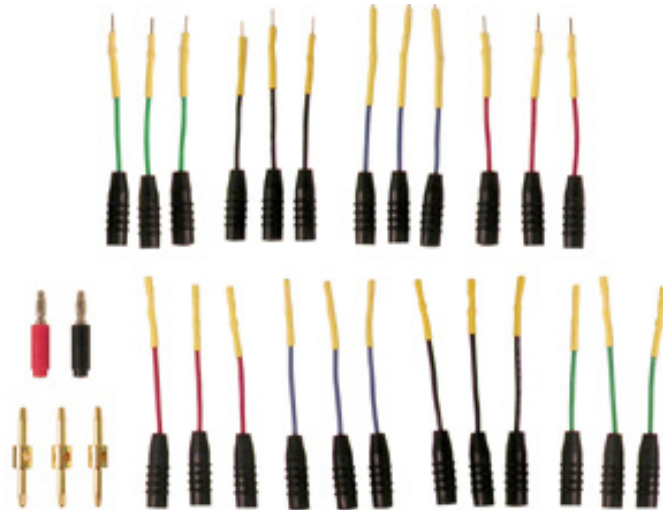
Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

77205 Micro Mate Terminal Adapter Set



The Perfect Mate Micro Probe Adapter Tips are designed to be a perfect fit for most of the smallest automotive connector pins.

The Perfect Mate Micro Probe Adapter Tips are designed to be a perfect fit for most of the smallest automotive connector pins. They work great for small component and module connectors. They provide a solid test connection without fear of connector damage. Tee Connection Adapter also acts like universal breakout box for virtually any 2 or 3 pin connector.

Kit Includes:

- 24 assorted micro pin terminal tips
- 2 - sizes of round terminals (3 each males and females)
- 2 - sizes of spade/square terminals (3 each males and females)
- 2 - screw on banana plug adapters
- 3 - Tee adapters

Backed by a Limited Lifetime Warranty.



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NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

77011 Tight Spot Test Lead Kit



- Flexible handles easily fit in tight spots.
- Probe densely packed module connectors without the fear of damage.
- Use for back-probing connectors and wire piercing.
- Interchangeable/replaceable probe tips.

Kit includes:

- (2) Flexible test leads
- (2) 4" Flexible back probe adapters
- (2) Alligator Clips
- (2) Screw-on Standard Probe Tips
- (2) Acupuncture Pin Tips
- (10) Replacement Pin Tips



Backed by a Limited Lifetime Warranty.



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NGS Products

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Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

Emissions

Contact/Replace Parts

77012 Universal Magnetic Ground Lug



Stop searching for a good place to clip your test equipment ground lead.

The magnetic ground lug attaches to any metal surface and provides a perfect place to clip your test leads. Sharp, adjustable depth contact tip to penetrate corrosion or metal coatings for a good connection.

Contains:

1 - Universal Magnetic Ground Lug

Backed by a Limited Lifetime Warranty.



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NGS Products

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Cooling System

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Test / Jumper Leads

Emissions

Contact/Replace Parts

GTL-01 Great Test Lead Set



Two 8' long professional quality test leads.

- Coil for easy storage!
- Sharp tips for wire piercing!

Set Includes: Two screw-on alligator clips and two slip-on alligator clips.

Backed by a Limited Lifetime Warranty.



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NGS Products

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Emissions

Contact/Replace Parts

77065 Test Lead Master Kit



A Master Set of premium Waekon Gold Test Leads, Jumper Leads and Probe Tip Accessories for DVOMs, lab scopes used for general circuit testing, organized in a rugged plastic case. Designed to fully address the circuit testing needs of the automotive service professional.

77065 Waekon Gold Master Kit contents:

- (1) 8' Right Angle Ultimate Test Leads
- (1) 8' Universal Great Jumper Leads
- (2) Screw on Alligator Clip
- (1) Screw on Bed of Nails
- (1) Bullet Wire Piercing Probe
- (1) 4 Inch Flexible Back Probe

The Waekon Gold line is backed by Waekon's Limited Lifetime Warranty.



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****77161 Ultimate Test Lead Set**

The Ultimate Test Lead Set is designed to survive a lifetime in the harsh automotive environment. Non-Slip grips are easier to hold with oily hands. The sharp hardened gold tips easily pierce the toughest wire insulation and provide the most reliable connection. Threaded tips allow for the attachment of various clips and adapters for hands-free operation and back probing of connectors.

The Set includes: 2 - Lifetime Warranted automotive test leads with Non Slip Rubber Grips, hardened wire piercing tips (threaded to accept adapter clips) and 8' heat / oil resistant high memory coil cord for long reach and easy storage.

The Waekon Gold line is backed by Waekon's Limited Lifetime Warranty.



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****Test Lead Accessories**

Model 77001
Screw-on Alligator Clip Set



Model 77003
Screw-on Banana Plug Set



Model 77004
The Bullet Wire Piercing Probe Set



Model 77005
4-Inch Flexible Back Probe Set



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NGS Products

Engine/Driveability

Diesel/Heavy Duty

Brakes / ABS

Cooling System

Circuit Testers

Test / Jumper Leads

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Contact/Replace Parts

FPT2600EX-1 I/M Fuel Pressure Test Kit

Inspection grade fuel cap tester designed for use in State Inspection and Maintenance programs.*



Use Hickok/Waekon Fuel Cap Testers with any Stant Fuel Cap Adapters

The FPT25-4 black adapter that is included in the kit works with any Stant Fuel Cap Adapter including the Pass and Fail standard caps.

FPT2600EX-1 Includes these features:

- Battery operated handheld tester electronically check's a fuel cap ability to hold pressure.
- Complete set of cap adapters that meets EPA standards for recommended fleet coverage.
- Pass/Fail Standard for daily calibration checks.
- Brightly colored LED's indicates NO LEAK, PASS, or FAIL test results in seconds.

Kit Contents:

- FPT2600 Fuel Cap Tester
- 9 Cap Adapters
- Pass/Fail Standard
- User Guide

* Please contact the appropriate Government Agency to identify which Fuel Cap Testing equipment is approved for your State/County Emission Testing program.



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NGS Products

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FPT2600E Fuel Cap Pressure Test System



The FPT2600 is a hand-held tester that electronically checks a fuel cap's ability to hold pressure. Brightly colored LEDs indicate NO LEAK, PASS, or FAIL test results in seconds, eliminating guesswork and making it easier to use than other test methods.

The FPT25-4AS BAR-97 certified Fuel Cap Adapter tests all standard threaded caps on foreign and domestic vehicles.

- * Quick connect adapter changeover
- * Instruction manual
- * Battery operated
- * Limited lifetime warranty on all hard parts

Use Hickok/Waekon Fuel Cap Testers with any Stant Fuel Cap Adapters

The FPT25-4 black adapter that is included in the kit works with any Stant Fuel Cap Adapters including the Pass and Fail Standard caps.



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NGS Products

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Contact/Replace Parts

FPT25-09E Fuel Cap Adapter Set



For use with any Hickok/Waekon gas cap tester. Meets EPA recommended 95% fleet coverage.

Kit Includes:

- Eight BAR97 Certified adapters and vehicle specific lookup tables for easy adapter selection.

Backed by a Limited Lifetime Warrant

Use Hickok/Waekon Fuel Cap Testers with any Stant Fuel Cap Adapters

The optional FPT25-4 black adapter(not included in kit) works with any Stant Fuel Cap Adapters including the Pass and Fail Standard caps.



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NGS Products

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Emissions

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FPT25-09 Fuel Cap Adapter Set



For use with any Hickok/Waekon gas cap tester. Meets EPA recommended 95% fleet coverage.

Kit Includes:

- Nine BAR97 Certified adapters and vehicle specific lookup tables for easy adapter selection.

Backed by a Limited Lifetime Warranty

Use Hickok/Waekon Fuel Cap Testers with any Stant Fuel Cap Adapters

The FPT25-4 black adapter that is included in the kit works with any Stant Fuel Cap Adapters including the Pass and Fail Standard caps.



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FPT25-09U Fuel Cap Adapter Update Set 2005 to 2014



Update your FPT25-07 or FPT25-07E Fuel Cap adapter set to ensure it continues to meet EPA recommended 95% fleet coverage.

- One precision machined aluminum adapter come with a Limited Lifetime Warranty!
- A complete set of application tables updated to include 2014MY vehicles
- BAR-97 certified and meets EPA recommended 95% fleet coverage



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NGS Products

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20964 Tire Pressure Documentation System

PC/Monitor not included



Measure, point and download for accurate tire pressure documentation.

- Measures and records actual vehicle tire pressure
- Infrared Technology for fast data transfer
- Documentation data interface with most Shop Management Systems
- Provides reliable documentation for repair orders

Kit includes:

- 2 Digital Tire Pressure Gauges
- 1 IR Receiver with USB Cable
- 1 PC Application Software CD

Meets CARB standards for California State Legislation.

More Tire Pressure Documentation System information on the next page!

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NGS Products

Engine/Driveability

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Brakes / ABS

Cooling System

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Test / Jumper Leads

Emissions

Contact/Replace Parts

20968 Tire Pressure Documentation System with Thermal Printer (continued)

PC/Monitor not included



20901 Digital Tire Pressure Gauge 2 pack of gauges



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NGS Products**Engine/Driveability****Diesel/Heavy Duty****Brakes / ABS****Cooling System****Circuit Testers****Test / Jumper Leads****Emissions****Contact/Replace Parts****Contact Information & Replacement Parts**

If you have any questions about our products including technical assistance, call our customer care department during standard business hours EST. If a customer care representative directs you to return any equipment, be sure to include these items:

- a written description of the problem;
- the name and telephone number of your contact person;
- your shipping address, and
- our return authorization number (from customer care).

Customer care and tech support: 800/342-5080

Service and repair center: 662/453-6212

Fax: 216/761-9879

E-mail: support@hickok-inc.com
repaircenter@hickok-inc.com

Service address: Hickok Inc.
Automotive Group
1716 Carrollton Avenue Dock E
Greenwood, MS 38930

Don't forget to check out other testers, equipment and parts at our websites. Access our Quick-n-E-Z Parts and Service from any of these sites 24/7 for ordering parts or service.

Visit www.hickok-inc.com

Visit www.quick-n-ezparts.com



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