EECT60660

EECT60660-1

EECT60660-2

EECT60660-3

EECT60660-4

EECT60660-5

EECT60660-6

EECT60660-7

EECT60660-8

EECT60660-9

EECT60660-10

EECT60660-11

EECT60660-12

Relay Test Kit

EECT60660 Deluxe Relay Test Kit (Blue-Point®)
- Eight color-coded relay test jumpers make a selection easy
- Each relay test jumper has metal pins on its side, making test lead connection fast
- Connecting a jumper wire (included) between two specified jumper tabs tests the relay
- Kit also comes with test leads to connect the test jumper to meter leads
- Relay puller pliers easily removes electrical relays without damage to the relay or electrical box
- Kit makes testing relays or live circuits quick and easy
- Includes (8) jumpers to fit most popular relays
- Includes test lead kit for easily and securely connecting relay test jumpers to a multimeter

EECT60660-1 Test Jumper
EECT60660-2 Test Jumper
EECT60660-3 Test Jumper
EECT60660-4 Test Jumper
EECT60660-5 Test Jumper
EECT60660-6 Test Jumper
EECT60660-7 Test Jumper
EECT60660-8 Test Jumper
EECT60660-9 Banana Plug Adaptor
EECT60660-10 Y-Terminal Lead with Green Plug
EECT60660-11 Terminal Lead with Blue Plug
EECT60660-12 Terminal Lead with Yellow Plug

YA8006

YA8005

YA8005-5

YA8005-30

YA8005-11

YA8005-7

Fuse Savers

YA8006‡ Master Fuse Saver Kit (Blue-Point®)
- Dual-type fuse box connector with 10' cord allows the user to move around the vehicle testing wires while looking for the short
- No wasted fuses
- Includes: 5, 10, 15, 20 and 30 A resetting breaker handles, buzz alert module and (6) fuse adaptors
- CE

YA8005‡ Fuse Saver Kit (Blue-Point®)
- Dual-type fuse box connector with 10' cord allows the user to move around the vehicle testing wires while looking for the short
- Includes 10, 15 and 20 A resetting breaker handles
- YA8005-EXT are optional accessories for the YA8005 Kit and are not included

YA8005-5‡ 5 Amp Breaker Handle
YA8005-10‡ 10 Amp Breaker Handle
YA8005-15‡ 15 Amp Breaker Handle
YA8005-20‡ 20 Amp Breaker Handle
YA8005-30‡ 30 Amp Breaker Handle (Blue-Point®)
YA8005-11‡ Buzz Alert Adaptor (Blue-Point®)
- Buzz alert sound module

YA8005-14‡ 6 pc Fuse Saver Adaptor Set (Blue-Point®)
- Includes YA8007, YA8008, YA8009, YA8010, YA8012 and YA8013 fuse adaptors

YA8005-7‡ Dual Connector with 10' Cord
- Allows you to move around the vehicle testing wires while looking for the short

YA8005-EXT‡ 10' Extension Cord
- 10' extension cord

595

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TESTING & ELECTRONICS

YA111KITA

Short-Circuit Locators
YA111KITA Relay Shorting Plug Kit (Blue-Point®)
- Plugs close normally open contacts and instantly determine which half of an output circuit is suspect
- Eliminate guessing which terminals to short
- Significantly reduce diagnostic time
- Kit works on all vehicles using standard four- and five-pin relays
- Avoids damage to the relay socket as a result of probing

YA111-10A Relay Shorting Plug (Blue-Point®)
YA111-15A Relay Shorting Plug (Blue-Point®)
YA111-20A Relay Shorting Plug (Blue-Point®)

Continuity Testers
EEFB310 Fuse Buddy® Pro Test Kit (Blue-Point®)
- Great tool for reading circuit amperage draws and troubleshooting up to 30 A
- Includes (1) meter with (3) interchangeable test functions: 30 A MINI circuit current testing, 30 A ATC circuit current testing and 30A all-purpose current testing
- Plugs directly into MINI and ATC fuse sockets
- Original fuse is replaced in-line, maintaining circuit protection
- Measuring range: 0–30 A/48 V DC 10 seconds
- Accuracy: ±2% of reading
- Resolution: 100 mA

EEFB310-1 Replacement Fuse Buddy® Pro Meter (Blue-Point®)
EEFB310-2 Fuse Buddy® Pro ATC Adaptor Set
EEFB310-3 Fuse Buddy® Pro ATC Fuse Adaptor Set
EEFB310-4 Fuse Buddy® Pro Positive/Negative Clamp Adaptor Set

EEFB310

EEFB315 Max Fuse Buddy® Kit (Blue-Point®)
- MAXI circuit testing capability up to 80 A
- Works with MINI and ATC circuits (adaptors included)
- Unit features peak hold functions and one-touch zero function
- Use on antilock brake circuits, car stereo circuits, power distribution circuits, marine and automotive branch circuits, rear window defogger circuits, solar power DC branch circuits, traction control circuits, solar charge controller circuits and heavy-duty equipment circuits
- Amps: 0–80A DC
- Resolution: 0.1A
- Accuracy: ±2.0% of reading + four digits

EEFB315-1 ATC Fuse Adaptor for Max Fuse Buddy® (Blue-Point®)
EEFB315-2 Mini Fuse Adaptor for Max Fuse Buddy® (Blue-Point®)

EEFB315

Dynamic Test Leads
EECT180 LOADpro® Dynamic Test Leads (Blue-Point®)
- LOADpro® quickly finds problems like high-corrosive resistance, shorts to ground and open circuits
- Works with any DMM with standard banana plugs
- Test leads are 60" in length
- For use on circuits up to 28.5 V
- Do not use on computer ECM input circuits
- LOADpro® performs a voltage drop test with the press of a button
- Steady pin probe tips—a small recess allows the probe to sit on the connector pin
- Pressing the switch applies a load of 40mA per volt across the circuit (example: 40 mA x 12 V = .48 A of load)
- Used for automotive, heavy-duty, marine, RV and equipment

EECT180

YA8027‡

YA8028‡

YA8029‡

TLT8000‡

TLT5‡

TLT6‡

TLT7‡

YA3179B‡

Trailer Harness Testers and Adaptors

YA8027‡ Towing Maintenance Kit (Blue-Point®)
- Used for six-round-pin vehicle side circuit testing
- Tests, cleans and repairs truck and trailer connections, plus light assemblies
- Great preventative maintenance tool
- Extends harness life
- Eliminates guesswork, reduces downtime and improves safety
- Kit includes six-round-pin tester, two terminal cleaning tools and a 2 mL tube of DeoxIT® electric contact cleaner
- Packaged in a compact clamshell

YA8028‡ Towing Maintenance Kit (Blue-Point®)
- Used for seven-spade-pin vehicle side circuit testing and cleaning
- Tests, cleans and repairs truck and trailer connections
- Great preventative maintenance tool
- Extends harness life
- Eliminates guesswork, reduces down time and improves safety
- Kit includes seven-spade-pin tester, two terminal cleaning tools and a 2 mL tube of DeoxIT® electric contact cleaner
- Packaged in a compact clamshell

YA8029‡ Towing Maintenance Kit (Blue-Point®)
- Used for seven-round-pin vehicle side circuit testing and cleaning, plus seven-round-pin connector cleaning
- Tests, cleans and repairs truck and trailer connections
- Great preventative maintenance tool
- Use as a pin wear gauge on trucks and trailers
- Eliminates guesswork, reduces down time and improves safety
- Kit includes a YA3179B seven-round-pin tester, IPA8024-AS1 and IPA8024-AS2 Round-Pin Terminal Cleaners, plus a 2 mL tube of DeoxIT® electric contact cleaner

TLT8000‡ 3-Way Trailer Adaptor (Blue-Point®)
- Adapts a seven-way connection to six round pin and four-/five-pin connections
- Sealed plugs keep road debris from corroding connections
- Winged grip for easy installation and removal
- For use on medium-/light-duty trucks, 1/2-, 3/4- and 1-ton pickups, campers and other heavy-duty applications

TLT5‡ Trailer Harness Tester
- Easily locates electrical problems in the tow vehicle
- Checks both four- and five-pin flat trailer connectors with LED indicator lights
- Tests left and right signals, brake lights and running lights

TLT6‡ Trailer Harness Tester
- Checks six-pin round trailer connectors with LED indicator lights
- Same applications as TLT5

TLT7‡ Trailer Harness Tester
- Easily locates electrical problems in the tow vehicle
- Checks seven-spade/flat-pin trailer connectors with LED indicator lights
- Tests left and right signals, brake lights and running lights

YA3179B‡ Circuit Chaser
- Round-pin circuit chaser for semitrailers
- Test the semitrailer plug and cable
- Both male and female ends so the technician can isolate a fault to the trailer or cable
- Can temporarily repair short circuits in the shop or on the road
- Includes (5) jumper tabs and (1) replacement prong

EECT110-AC

AC Voltage Sensor

EECT110-AC 110–1,000 V AC Voltage Sensor
- Non-intrusive AC voltage tester—check 110–220 V AC shop wall outlets and AC inverters for the presence or absence of power—also check newer vehicle AC outlets
- Provides a safe and accurate first check as to why electrical equipment plugged into the wall outlet does not function
- On/off switch illuminates green when pressed, powered by internal field replaceable lithium battery; unit powers off if not used for 5 minutes
- When 110–1,000 V AC is detected, the unit beeps and the tip lights red

- Industrial application to test electrical power—move probe along insulated wire, near outlets to make sure power is OFF prior to working on a circuit
- Conveniently fits in shirt pocket with clip for access
- Translucent red Instinct® handle for comfort is impact resistant and features a raised rib to keep fingers a safe distance from targeted test area
- CAT IV 1,000 V AC Rating
- Field replaceable battery (EECT110AC-BAT), end cap (EECT110AC-CAP), circuit board (EECT110AC-PCB) and handle (EECT110AC-HA)

⚠ WARNING

- Read and follow safety messages in the instructions.
- Do not use in environment with explosive vapor.
- ‡These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
- Read Safety Precautions on pages W1–W4

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TESTING & ELECTRONICS

Portable Diagnostic Smoke Machine

Specifications	EELD500
Power Supply	12 V DC
Power Consumption	12/18 V DC, 25 A
Supply Volume, L/Min	10
Line Length/Smoke Supply, ft (m)	8 (2.44)
Line Length/Power Supply, ft (m)	8 (2.44)
Remote Starter Range, ft (m)	50 (15.24)
Overall Dimensions, inches (mm)	12 W x 9 D x 12 H (310 W x 230 D x 310 H)
Maximum Output Test Pressure, inches/H20 (Psi)	13 (0.5)
Maximum Pressure Input, Psi	170
Weight, lb (kg)	11.5 (5.25)

EELD500

EELD500 Smart Smoke® EVAP Machine
- Smart Smoke® technology diagnoses eight of the top 10 DTC codes
- Digital readout displays leak sizes down to 0.001 LPM and pressure/vacuum in H_2O
- Self-calibrates for .010, .020, .040 and automatically performs an EVAP pass/fail test
- One-touch EVAP testing at 0.5 PSi with automatic pass or fail
- Low-flow mode makes it easier to find leaks
- Vacuum port adaptor diagnoses Chrysler® ESIM and NVLD systems
- Find leaks; the evaporative emissions diagnostic smoke machine delivers EVAP testing and general-purpose applications
- Conveniently functions with OEM-specified nitrogen, a portable CO_2 bottle (ships empty) or shop air
- UltraTraceUV® dye solution pinpoints leaks
- OEM-approved smoke technology
- Smoke solution is safe and does not produce unpleasant odor in the shop
- Three-button control Display Select, Orifice Select and Start
- Includes a combination LED/UV light and remote control
- Convenient hanger for undercar and underhood use

- Lightweight and compact—stores in a large bottom roll cab drawer or hangs with an optional cover to protect from shop dirt and dust
- Includes: Large adaptor cone, vacuum adaptor, a combination LED UV light and yellow glasses, removable battery clamp lead set, remote control, user manual, assorted cap-plug set, exhaust cone (1 x 3-1/2" dia./6" long), smoke diffuser (for finding wind/water leaks), EVAP service port adaptor that fits standard- and dual-size Schrader removal/installation tool
- Optional accessories include a CO_2 bottle and regulator, protective cover, an 8 oz bottle of solution, second smoke hose, vacuum pump, gas cap adaptor (3 pk) and a BMW® gas cap adaptor

EELD500 and EELD100A APPLICATIONS:
Air cleaner assembly, air ducts, air valves, cylinder heads, diaphragms, egr valve, evap, exhaust manifolds, exhaust pipes and mufflers, fuel tank pressure sensor, intercooler, intake gaskets, injector o-rings, loose clamps, map sensors, mass airflow meter, oil leaks, pcv valve and hoses, throttle body shaft, turbos, vacuum hoses, vacuum switches, wind and water

Included Accessories:
EELD500-1 8 oz UltraTraceUV® Dye Solution
EELD500-2 Large Adaptor Cone
EELD500-3 Vacuum Adaptor
EELD500-4 Combination LED/UV Light and Glasses
EELD500-5 Removeable Battery Clamp Lead Set (for Pre-2020 models)
EELD500-6 Smoke Hose
EELD500REM Remote Control
EELD301A1 UltraTraceUV® Smoke Solution
EELD301A2 17 pc Cap Plug Kit
EELD301A3 Exhaust Cone Adaptor
EELD301A4 Wind/Water Leak Adaptor
EELD302A2 EVAP Service Port Adaptor Standard Size
EELD302A4 Schrader Valve Core Tool

EELD500C02   **EELD500-4**   **EELDGASCAP**

Optional Accessories:
EELD500C02 C02 Bottle and Regulator (for EELD500)
EELD500CVR Protective Cover
EELDGASCAP Fuel Tank Filler Neck Adaptor (Blue-Point®)
EELDGASBMW Gas Cap Adaptor BMW® (Blue-Point®)

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EELD100A

Diagnostic Smoke Machine

Specifications	EELD100A
Power Supply	12 V DC
Power Consumption	12 V DC, 25 A
Supply Volume, L/Min	10
Line Length/Smoke Supply, ft (m)	8 (2.44)
Line Length/Power Supply, ft (m)	8 (2.44)
Line Length/Remote Starter, ft (m)	10 (3)
Maximum Pressure Input, Psi	170
Overall Dimensions, inches (mm)	12 W x 13 D x 12 H (305 W x 229 D x 305 H)
Weight, lb (kg)	11.5 (5.25)

CE - DE, ES, FR, IT, GB, NL

EELD100A Diagnostic Smoke EVAP Machine
- Finds leaks
- Contains Diagnostic Smoke technology for EVAP testing and general-purpose applications
- UltraTraceUV® non-contaminating dye solution pinpoints leaks that smoke cannot locate alone
- Includes a combination LED and UV light, plus special glasses
- Eight of the top 10 emission DTC codes can be diagnosed with this unit
- Smoke solution does not produce an unpleasant odor in the shop
- Variable flow control manually reduces the flow to help pinpoint the exact location of a leak
- Conveniently functions with OEM-specified optional nitrogen, a portable CO_2 bottle (ships empty) or shop air
- Convenient retractable hanger for undercar and underhood use
- Lightweight and compact stores in a large bottom roll cab drawer or hangs with an optional cover to protect from shop dirt

OPTIONAL ACCESSORIES:
- EELD500C02 C02 Bottle and Regulator, EELD500C02 ships empty and needs to be filled at a hardware store
- EELD500CVR Protective Cover
- EELD500-1 Additional 8 oz Bottle of Solution
- EELDGASCAP Gas Cap Adaptor 3 pc
- EELDGASBMW One Gas Cap Adaptor BMW®

Included Acccessories:
EELD100-4 Combo Light (Blue-Point®)
EELD100A-3 Smoke Hose Extension with Delrin® Nozzle
EELD100A-4 Tee Connector with Delrin® Nozzle
EELD301A2 17 pc Cap Plug Kit
EELD301A3 Exhaust Cone Adaptor
EELD301A4 Wind/Water Leak Adaptor
EELD302A1 Nitrogen Hose
EELD302A2 EVAP Service Port Adaptor Standard Size
EELD302A3 EVAP Service Port Adaptor Fitting
EELD302A4 Schrader Valve Core Tool
EELDCAPLESS Capless Fuel Tank Adaptor
EELDGASBMW Gas Cap Adaptor BMW® (Blue-Point®)
EELDGASCAP Fuel Tank Filler Neck Adaptor (Blue-Point®)
EELDGASCAP1 Fuel Tank Filler Neck Adaptor (Blue-Point®)
EELD302010 Smoke Machine Upgrade Kit
EELD301A1 UltraTraceUV® Smoke Solution

TESTING & ELECTRONICS

TESTING & ELECTRONICS

EELDCAPLESS Capless Fuel Tank Adaptor
- Specifically designed for new capless fuel tank filler necks
- EVAP testing is simplified through a dual-door fill neck; no need to tap into EVAP system
- For use with EELD500 or EELD100A smoke machines (sold separately)
- Seals both doors with a simple twist of the perforated knob to expand the bladder for accurate testing
- Will work with most double-door, gas capless systems 2013 and newer
- Required for testing filler necks with one-way rollover valves to help prevent incorrect diagnoses
- Made of anodized aluminum for long, corrosion-free service life

EELDCAPLESS

EELDGASCAP Fuel Tank Filler Neck Adaptor (Blue-Point®)
- Quickly pops on virtually any filler neck

EELDGASBMW Gas Cap Adaptor BMW® (Blue-Point®)
- Single for BMW®

EELDGASCAP   **EELDGASBMW**

Evaporative Emissions Diagnostic Smoke® Vapor Producing Machines – Feature Comparison

	EELD100A	EELD500
Uses Diagnostic Smoke® vapor technology developed in collaboration with Ford Motor Co., GM®, FCA US LLC and approved by most major OEMs.	•	•
Non-contaminating UltraTraceUV® dye solution pinpoints the leak. The only dye solution mandated by most major OEM's. Will not harm activated charcoal canister, ORVR valve, purge valves, catalytic converters, O_2 sensors, seals or gaskets and determined not to void vehicle factory warranty.	•	•
Technology meets specifications when OEMs require nitrogen for safer EVAP system testing.	•	•
Designed with an electronic Safety Valve that automatically shuts off air flow into the vehicle's EVAP system when the machine turns off. This stops gasoline fumes from exiting the EVAP system and filling your work bay.	•	•
TECH LINE Supported 800-901-1988 for end user to help with any and all EVAP problems.	•	•
Vacuum/Pressure Gauge for vacuum/pressure decay.	•	•
Convenient Hook with fold down handle for hanging under car or under hood and easy storage in tool box.	•	•
Ability to read and display leak size of .010".	•	•
10-Year Warranty On Glow Plug a reliable heating system that lasts much longer than fiberglass wick-style units.	•	•
Variable Flow Control manually reduces flow to help pinpoint the exact location of a leak.	•	
Low Flow Pulsating Mode automatically adjusts flow to optimal setting to help find small leaks.		•
One-Touch EVAP Testing with automatic pass or fail.		•
Vacuum Port Adapter can apply hand vacuum pump for testing Fuel tank Pressure Sensors, *Chrysler* ESIM & NVLD systems. Also gives you dual smoke hose capability.		•
Computerized Digital Display down to .001" means you're prepared for any industry leak standard changes.		•
Computerized Digital Display Reading Flow in Liters per Minute to make sure factory specs are met.		•
Computerized Digital Display Reading Pressure/Vacuum in H_2O to compare to FTP Sensor for in-depth diagnostic ability.		•
Sleep Mode with Memory retains test results if machine shuts down after five minutes.		•
Cordless remote so there is no need to walk back and forth when doing a job.		•
Micro-processor touch pad for quick and easy operation.		•
Ability to Choose Inert Gas at start-up for 100% accurate results.		•

EELD600HD   EELD600HD-1   EELD600HD-2   EELD600HD-3

Portable Diagnostic Smoke Machine (Blue-Point®)

EELD600HD High-Pressure, Heavy-Duty Smoke Machine and Leak Finder (Blue-Point®)

- Use in 12 and 24 V trucks up to Class 8
- 3–43.5 PSI, (69 mbar to 3 bar) output pressure
- Digital pressure selection is quick and the display is easy to view with no difficult analog regulator to adjust
- Convenient wireless RF remote allows the tech to operate from around the vehicle
- Patented UltraTraceUV® non-contaminating dye solution pinpoints leaks smoke alone cannot, with the dye marking the spot after the smoke is gone
- Self-calibrates at every start-up to ensure accuracy
- Microprocessor-controlled single-button touch for all functions
- Smart Technology Software reduces the thinning of smoke density at all pressures
- Auto-drain water separator and filter removes fluid from the shop compressor
- Technical Support: 800-901-1988
- Follows safety standard Division 1, ASME Boiler and Pressure Vessel code (2013 Edition)
- Warning: DO NOT use this tester in the fuel evaporative EVAP system due to its high-pressure capability

Included Accessories:
EELD301A1 UltraTraceUV® Smoke Solution
EELD500-4 Combination LED/UV Light and Glasses
EELD500REM Remote Control
EELD600HD-4 12/24 Battery Cable Assembly

Optional Accessories:
EELD600HD-1A Turbo Adaptor 35, 40, 45 mm
EELD600HD-1B Turbo Adaptor 50, 55, 60 mm
EELD600HD-1C Turbo Adaptor 65, 70, 75 mm
EELD600HD-1D Turbo Adaptor 80, 85, 90 mm
EELD600HD-1E Turbo Adaptor 95, 100, 105 mm
EELD600HD-1F Plug Adaptor
EELD600HD-1 6 pc Turbo Adaptor Set
EELD600HD-2 Turbo Adaptor 110, 115, 120 mm
EELD600HD-3 Turbo Adaptor 125, 130, 135 mm
EELD600HD-4 12/24 Battery Cable Assembly
EELD600HD-5 110 V AC Power Source, North America
EELD600HD-6 240 V AC Power Source, Europe

Vacuum Pressure Pump Kits

YA4000B‡ Automotive Test Kit (Blue-Point®)

- Produces vacuum or pressure at the turn of a switch
- Used for vacuum and pressure-related engine performance diagnostics and tune-ups; brake bleeding; fluid transfer, evacuation and sampling
- One-finger trigger vacuum/pressure release
- Durable, accurate diaphragm-type vacuum/pressure gauge
- Handheld vacuum/pressure pump with 2" compound gauge and rubber boot
- 12 oz fluid reservoir bottle with fluid transfer and storage lids, plus fluid pick-up tube
- Kit contains multiple accessories as shown, including tapered manifold plugs, vacuum caps and bleed screw adaptors

SVT270B‡ Vacuum Test Kit

- Diagnostic aid for checking operation of vacuum-activated actuator
- Measures vacuum up to 30 Hg with an easy-to-read gauge
- Release valve controls the release of vacuum
- Ergonomic design is durable for everyday use
- Includes hose, cone adaptor, large cone adaptor and cup

YA4000B

SVT270B

⚠ **WARNING**

- Read and follow safety messages in the instructions.
- Do not use in environment with explosive vapor.
- Use only in well ventilated area.
- .Do not overload.
- ‡These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
- Read Safety Precautions on pages W1–W4

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HHGA5C

Handheld Gas Analyzers

HHGA5C‡ Handheld Gas Analyzer (5 Gas)
- Measures exhaust emissions for CO, CO_2, O_2, HC, NOx and AFR/Lambda
- Portable handheld 5-gas analyzer for use in the bay or a road test
- For use on gasoline, LPG and CNG vehicles; ideal for emissions pre-compliance testing, vehicle servicing and diagnostic work
- Six-line illuminated display allows the user to view all exhaust emission readings simultaneously
- Provides an instant assessment of an engine vehicle exhaust and catalytic converter
- Great for pre-OBD vehicles, as well as hot rods, muscle cars, collector vehicles and race cars for measuring and adjusting the perfect air/fuel ratio
- Links to ZEUS®, VERUS®, VERUS® PRO, and VERUS® Edge; combines gas analysis with other vehicle data for effective diagnostics "in real time" (set-up is required with the software included via a USB stick; diagnostic tools sold separately)
- See the big picture: Gas analyzer views gas analysis data at the same time as other data, including component tests, scope readings, digital graphing function, scanner results, view, graph, save and recall
- Monitors and reduces vehicle emissions, protects the environment and improves both drivability and fuel efficiency
- Unit is very sensitive and pulls only 1/14 the exhaust volume of competing analyzers, reducing water ingress problems, plus the pumps last longer
- Ability to print results using the optional infrared printer (included with the HHGA5CP kit)
- Service is handled at Crystal Lake Northern Repair for Annual Calibration and O_2 sensor replacement, meeting the required industry standard
- Soft pouch is included

HHGA5CP‡ Handheld Gas Analyzer Kit with Printer (5 Gas)
HHGA5A-Z User Manual
- User manual for the HHGA5B Handheld Gas Analyzer Kit
HHGA5C-Z User Manual
- User manual for the HHGA5C Handheld Gas Analyzer Kit
HHGA-11 Filters
- Filters for HHGA Series Gas Analyzers (5 pk)
HHGA-8 Motorcycle Exhaust Probe
- Optional motorcycle exhaust probe for HHGA Series gas analyzers
HHGA-9 5 Gas Exhaust Probe
- 5 gas exhaust probe for HHGA Series gas analyzers (included with both sets)
- High-temperature stainless steel probe
- Ideal for road testing when measuring NOx
HHGA-CHARGER Printer Charger
- Printer charger for HHGA-PRINTER
HHGA-PRINTER2 Infrared Printer
- Infrared printer for HHGA Series gas analyzers
- Replacement paper is HHGA-18
HHGA-16 AC Adaptor
- Designed for use in the service bay
HHGA-17 12 V Adaptor
- Designed for use in the service bay or on the road
HHGA-18 Paper Roll
- Replacement paper rolls for the HHGA-5 Infrared Printer (4 pk)
HHGA5A-1 Serial Lead
HHGA5C-17 12 V DC In Car Charger
- 12 V DC in car charger for HHGA5CP
HHGA5A-SP Soft Pouch
- Soft storage pouch included with the HHGA5C
HHGA5B-PB Storage Case
- Hard-shell storage case for HHGA5CP

HHGA5CP

HHGA-8

HHGA-9

HHGA-PRINTER2

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BK3000-55

BK5600DUAL55

BK5600DUAL85

BK7000

Video Scopes

Specifications	BK3000-55‡	BK5600DUAL55‡	BK5600DUAL85‡	BK7000
Power Supply	(4) AA Batteries	(6) AA Alkaline Batteries	(6) AA Batteries	3.7 V, 3,000 mAh, 9.6 watt-hours
Width, inches (mm)	3.15 (80)	1.77 (45)	6-9/10 (175)	6-3/4 (171.4)
Length, inches (mm)	147 mm	Viewer: 7.2 (180); Imager: 36 (0.91)	3.5 (90)	1.28 (32.5)
Height, inches (mm)	1-2/5 (35)	Viewer: 3.94 (100)	1-3/5 (41)	3.77 (100)
Resolution (reading display)	160 x 240 RGB Backlit LED	480 x 272 RGB Backlit LED	480 x 272 RGB Backlit LED	1280 x 720 Backlit LED
Video Out	None	NTSC/PAL	—	N/A
Run Time, hours	4 (Alkaline Batteries)	Alkaline Batteries: 6; NiMh Rechargeable Batteries: 6	6 (Alkaline Batteries)	2 (Approx.)
Operating Temperature Range	30–122 °F	32–140 °F (0–60 °C)	32–140 °F (0–60 °C)	32–140 °F (0–60 °C)
Storage Temperature	-4–140 °F (-20–60 °C)	-4–140 °F (-20–60 °C)	-4–140 °F (-20–60 °C)	-4–140 °F (-20–60 °C)
Field of View, Forward	54° diagonal	Approx. 56° Diagonal	Approx. 56° diagonal	Approx. 62° Diagonal
Field of View, Side	None	Approx. 56° Diagonal	Approx. 56° Diagonal	Approx. 62° Diagonal
Resolution	Imager: 640 x 480	Imager: 640 x 480	Imager: 640 x 480	Imager: 1,280 x 720 HD Fixed Focus
Optimal Focal Range	1/2–12" (12–30-1/2 cm)	1/2–12" (12–30-1/2 cm)	1/2–12" (12–30-1/2 cm)	1/2–12" (12–30-1/2 cm)

BK3000-55‡ Borescope with 5.5 mm Imager
- Small, rugged housing designed for comfort and functionality, with a vibrant 2.5" LCD screen
- Integrated 5.5 mm high-resolution imager is easy to use and has three-step zoom, adjustable brightness and 180° image rotation
- Onboard storage for up to 30 images
- Simple and user-friendly five-button interface
- Magnet and mirror accessories with integrated storage give the user additional flexibility
- Powered by AA batteries
- Imager is resistant to dust, dirt and water ingress for 30 minutes at depths of up to 3 meters

BK5600DUAL55‡ True Digital Video Inspection Scope
- Includes the BK8000-55 36" digital imager with 5.5 mm dia. dual-view head
- Same as the BK5600 with a 5.5 mm imager
- Digital still image capture with included SD card storage
- Touchscreen interface enables easy feature selection
- Two-year warranty, serviced through Snap-on® Repair Centers

BK5600DUAL85‡ Scope with Dual 8.5 mm Imager
- 4.3" (109 mm) diagonal LCD screen for enhanced viewing
- Digital still image capture with included SD card storage
- Includes 36" digital imager with 8.5 mm diameter head
- Touchscreen interface enables easy feature selection
- Uses (6) AA alkaline batteries
- 90° glass mirror and magnet retrieval accessories included
- Includes a storage tray to keep in your tool storage drawer for security
- Two year warranty—serviced through Snap-on® Repair Centers

BK7000 High-Definition Borescope with 5.5 mm Dual Imager
- End-to-end true high definition provides the best image quality on the market
- Innovative Picture-in-Picture allows technician to capture forward and side camera images simultaneously
- Large 5" high-resolution screen provides best-in-class viewing
- Capacitive touchscreen interface for a more familiar user experience
- True high definition (1,280 x 720) 5.5 mm dual-view imager for capturing finer details
- Interchangeable accessory imagers (not included) enable a wide variety of uses
- Ability to capture images and video, add text or audio annotation
- Powerful quadcore processor powers high resolution video
- Wi-Fi® connectivity provides seamless software updates
- Ready to use out of the box
- Quick USB-C charging for less downtime
- Rugged design and quality materials designed to withstand life in a repair shop
- Supported by 2-year warranty and after sale service

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TESTING & ELECTRONICS

TESTING & ELECTRONICS

BK8000-55 5.5 mm Digital Dual View Imager

BK8000-55‡ 5.5 mm Digital Dual View Imager
- 5.5 mm imagers get into much tighter spaces than standard 8.5 mm
- Dual view digital cameras see straight ahead or at a 90° angle
- No need for an additional mirror attachment
- Close focus provides incredible detail
- Imagers are resistant to all common automotive chemicals

BKIMG38FV

BKIMG38FV 3.8 mm HD Front View Imager
- For use on BK5600, BK6500, BK8000 and BK8500 digital borescopes
- 3.8 mm imagers get into much tighter spaces than standard 8.5 mm or 5.5 mm imagers
- Digital sensor technology provides small package size to access the smallest port sizes
- Forward view imager allows the user to see combustion cup of piston
- 3.8 mm outside diameter fits most glow plug ports
- Imagers are resistant to all common automotive chemicals
- Two year warranty for added purchase security

BKIMG38SV

BKIMG38SV 3.8 mm HD Side View Imager
- For use on BK5600, BK6500, BK8000 and BK8500 digital borescopes
- 3.8 mm imagers get into much tighter spaces than standard 8.5 mm or 5.5 mm imagers
- Digital sensor technology provides small package size to access the smallest port sizes
- Side view imager allows the user to see the cylinder wall and valves
- Side view imager features a permanently attached mirror, so it cannot fall off
- 3.8 mm outside diameter fits most glow plug ports
- Imagers are resistant to all common automotive chemicals
- Two year warranty for added purchase security

BKIMG55ART

BKIMG55ART 5.5 mm Articulating Imager
- 5.5 mm imager head
- High-definition camera
- Imager head articulates up to 180°
- Articulating head makes inspections in tough to reach areas easier
- Radius is less than 31 mm
- Great for looking back up into the cylinder, looking into a valve and looking at the backside of the valve
- Black anodized aluminum body with plunger mechanism
- Compatible with BK5600, BK6500 and BK8500

Wire Insertion Tools
WINS100R Wire Insertion Tool Set
- Prevents damage to electrical sheathing
- Helps the technician feed or pull wire around a number of obstacles, or against pieces of metal
- Provides flexibility/adaptability; set allows technician to adapt to each application through the use of different lengths and diameters of tubes
- Ideal for use with Snap-on® videoscopes; protects investment by using this tool to direct/protect the expensive fiber optic element during use
- Tubes thread into metal threaded insert within the handle, providing strong connection
- Tube angular orientation prevents the wires from "dead-heading" against an object, and getting stuck or damaged
- Includes storage tray

WINS100R

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Electronic

Quickly pinpoint the source of noise or vibration in underhood, undercar and vehicle interiors. Six selectable channels allow the placement of sensors in various locations to pick up bearing, gear, engine, suspension, drive accessory and wind noises.

YA6930

YA6910

YA6920

YA6930 Electronic Engine Stethoscope (Blue-Point®)
- Amplifies sound during diagnosis or verification of proper vehicle operation
- Used to pinpoint faulty bearings, injectors, squeaks, rattles and more
- Mode selection switch with LED indicator easily switches between the sound and vibration functions
- Noise cancellation feature eliminates background noise
- Studio-style headphone set with a tangle-free cord
- Detachable flex wand with LED illuminated tip
- Rotary volume control
- Lightweight and balanced with an ergonomic comfort grip

YA6910 Mini Electronic Stethoscope (Blue-Point®)
- Convenient diagnostic tool can pinpoint location of noise caused by bad bearings, bushings, dirty fuel injectors, wind and air leaks, noisy valves and lifters
- Allows the user to monitor gears, bearings and suspension components under load so problems can be more accurately diagnosed
- Sensor clamp helps to detect noises during vehicle test drive that cannot be duplicated in the work bay
- Sensor tip mounted on a 6" flexible shaft allows access to hard-to-reach areas
- 5" inductive metal probe allows the user to pinpoint the source of noise or vibration
- Ultra-sensitive microphone provides a full range of sound
- Features a rotary-style adjustable volume control

YA6920 Electronic Marine Stethoscope (Blue-Point®)
- Unique diagnostic listening device is specifically designed to pinpoint squeaks, rattles and other troublesome noises in most marine vessels and watercraft with inboard or outboard motors
- Tests for noise and harmonic vibration on bearings, underdash areas, control cables, fuel injectors, cabinets and compartments, alternators, switches, pumps, final drives, steering gears, gear cases, steering pumps, hulls and compressors
- 14' long, water-resistant wire loom harness allows user to diagnose hard-to-reach problem areas
- Six spring-loaded, color-coded stainless steel sensor clamps with built-in super-sensitive microphone in the tips for optimal sound detection
- Heavy-duty professional headphones block any unwanted sounds

GA111D

GA112

Mechanic's

GA111D Mechanic's Stethoscope (Blue-Point®)
- Locates any engine sound, such as bearing noise, knocks and squeaks in fan or water pump and valve tappets
- Sound-amplifying diaphragm and a 12" probe locate trouble

GA112 Stethoscope with Magnetic Holder
- Magnetic holder allows stethoscope to be held in place hands free so technician can check for chassis noise individually
- Unique sound chamber and super thin diaphragm greatly amplifies sounds
- Quickly pinpoints the source of noises in engines, transmissions, differentials and bearings

TESTING & ELECTRONICS

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TESTING & ELECTRONICS

CTG861 Series Color Display Infrared Thermometers

The Snap-on® CTG861 14.4 V color display 12:1 infrared temperature gun provides safe, easy readings in any automotive or industrial setting. The CT861 provides high resolution with great accuracy and will handle a wide range of temperatures. This full-featured unit is the industry standard.

- Tough and lightweight for maximum maneuverability and less user fatigue, this family of MicroLithium Cordless Power Tools feature integrated soft-grip handles for the ultimate in comfort and control, while their small size means they fit into tight spaces with ease
- Operating on the CTB8174 14.4 V 2.5 Ah MicroLithium battery, these tools deliver big power in the most restricted areas, both inside the passenger compartment and under the hood, for more power and flexibility than ever before

CTG861K1

Specifications	CTG861K1
IR Resolution	< 1,000 °C/°F; 0.1 °C/°F: > 1,000 °C/°F; 1 °C/°F
IR Accuracy	0–560 °C; ±2% or 2 °C: -18–0 °C: 5 °C 560–1,000 °C ±2% ±3dig
IR Repeatability (+23 Ems=0.95)	±2% or ±2 °C/°F
K Type Range (Optional)	-328–2,372 °F (-200–1,300 °C)
K Type Accuracy (Optional)	.05% of Reading ±1.8 °F (±1 °C)
Response Time	500 mSec
Spectral Response	7–14 um
Display Hold	Last reading and operating mode display for 10 sec nominal upon trigger release
Emmissivity	0.30–0.99 Adjustable
Alarm	On/Off and High/Low
Record	Rec/Max/Min
Ambient Operating Range, °F (°C)	32–120 (0–50)
Relative Humiduty	10–80% RH non-condensing
Temperature Range	-58–1,832 °F (-50–1,000 °C)
Storage Temperature	14–140 °F (-10–140 °C) without Battery
Distance To Spot Size	12:1 (90% energy covered)
Battery Type	Snap-on® 14.4 Volt
Runtime on a Single Battery Charge, hours	35
Charger	CTC772A
Tool Only	CTG861DB

CE - DE, ES, FR, IT, GB, NL, JP

Infrared Thermometers

RTEMP8

RTEMPB3A

RTEMPB7

Specifications	RTEMP8	RTEMPB3A*	RTEMPB7*
Temperature Range	-60–760 °F (-76–1,400 °C)	-58–932 °F (-20–500 °C)	-31–689 °F (-35–365 °C)
Temperature Display	Selectable (°F or °C)	Selectable (°F or °C)	Selectable (°F or °C)
Response Time	1 Second	0.5 Second	1 Second
Emissivity	Adjustable, set to 0.95	0.98	0.95 or 0.70 (0.95 default)
Power	(2) AAA Batteries	9 V Alkaline or Ni-Cad Battery	(2) AAA Batteries
Accuracy	±1.8 °F (±1 °C)	±2% of reading or ±4 °F (±2 °C)	2.7 °F (±1.5 °C)
Distance to Spot Ratio	12:1	12:1	—
Ambient Operating Range, °F (°C)	32–122 (0–50)	32–105 (0–41)	32–122 (0–50)
Description	Multi-Laser Infrared Thermometer	Infrared Laser Thermometer (Blue-Point®)	Infrared Thermometer (Blue-Point®)

*Blue-Point®

CE - DE, ES, FR, IT, GB, NL, JP

RTEMP8 Multi-Laser Infrared Thermometer

- Easy-to-read color screen
- Modes include E, MAX, MIN, DIF, AVG, HAL and LAL
- Distance:Spot = 12:1
- Temperature range: -76–1,400 °F (-60–760 °C)
- Operating range: 32–122 °F (0–50 °C)
- Battery: (2) AAA
- Battery life: minimum of 7 hours of continuous use with laser and 30 hours of continuous use without laser
- Thermometer automatically shuts off if left idle for more than 60 seconds
- Accuracy: ±1.8 °F (±1 °C)
- This is NOT intended to be used to take human temperatures
- This thermometer is NOT intended to measure internal body temperature

RTEMPB3A Infrared Laser Thermometer (Blue-Point®)

- Temperature range: -58–932 °F (-20–500 °C)
- Compact size: 5.88 x 3.62 x 1.38" (149.2 x 92.1 x 34.9 mm)
- Laser targeting accuracy
- Enhanced backlit four-digit LCD for easy viewing
- Automatic power-off after 10 seconds
- Nylon holster for transport and safe storage
- Battery: 9 V Alkaline or NiCad
- Operating range: 32–105 °F (0–40 °C)
- Conformity

RTEMPB7 Infrared Thermometer (Blue-Point®)

- Modes include E, MAX, MIN, DIF and AVG
- Distance:Spot = 12:1
- Temperature range: -31–689 °F (-35–365 °C)
- Operating range: 32–122 °F (0–50 °C)
- Battery: (2) AAA
- Battery life: typically lasts 18 hours; minimum of 14 hours of continuous use
- This thermometer is NOT intended to measure internal body temperature
- This is NOT intended to be used to take human temperatures

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Tachometers

EEDMTACH1A Digital Contact/Non-Contact Laser Tachometer
- Ideal for use on fan or serpentine belts, industrial equipment, race cars, marine, motorsports, ATV, big rig engines and more
- Measures RPM on vehicle components and industrial equipment
- Obtains RPM readings up to 25' away from its target
- No-contact laser mode works great in tight areas and keeps the user away from moving parts
- Unique pistol grip design fits comfortably in the hand
- Line-of-sight aiming design provides easy-to-read results on the LCD color display—easily read in low or bright sunlight conditions
- Memory recall brings back the last measurement on the display before powering off
- Uses standard 9 V batteries
- Up to 30,000 RPM non-contact

MTTACH1A1 24 pk Reflective 1/2" Squares
- Reflective photo tape for the EEDMTACH1 Tachometer

EEDMRPM500 Digital Tachometer (Gas Engines)
- Used to digitally read RPM on single cylinder, 2- or 4- stroke CDI gas engines
- Choose between 2- or 4-stroke engines and 1- or 2-spark CDI Ignition systems
- Unit provides min/max readings with eight storage locations to save readings for future reference
- 300–10,000 RPM range
- Powered by 9 V battery (included)
- Overall dimensions: 2-3/4 x 5-3/4 x 1"

EEDMRPMD500 Diesel Engine Adaptor
- Optional diesel engine adaptor for the EEDMRPM500 Digital Tachometer
- For use on diesel engines only
- 300-6,000 RPM range

EEDMTACH1A

EEDMRPM500

EEDMRPMD500

Diesel Pulse Adaptor (Blue-Point®)

MT257B Diesel Pulse Adaptor (Blue-Point®)
- Tests injector timing or engine RPM on diesel engines equipped with 1/4" or 6 mm external steel fuel injector lines
- Enables use with inductive pick-up timing light to test engine timing
- Not for use on diesels with common rail fuel systems

MT257B

SPECIALTY METERS AND SMALL TESTERS

Coil-On-Plug (COP) Ignition Probes (Blue-Point®)

YA76562 Ignition Quick Probe (Blue-Point®)
- Quickly verifies the firing of a coil-on-plug (COP) ignition coil and spark plug
- Eliminates the need for back probing coil wires and disassembly to test at the coil connector or spark plug
- Variable sensitivity (VS) thumbwheel for greater diagnostic accuracy and expanded application coverage
- Super-bright KV and ARC indicator LEDs

YA76562

⚠ **WARNING**

- Read and follow safety messages in the instructions.
- Do not use in environment with explosive vapor.
- Avoid touching hot surfaces.
- Read Safety Precautions on pages W1–W4

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EETL5568A

MT125A

EETL500

Timing Lights

EETL500‡ Digital Tach/Advance Timing Light
- Perfect for hot rod and muscle car enthusiasts
- Clearly view each flash with patented skip circuitry for tachometer readings up to 9,900 RPM, adjust engine RPM
- View, set and adjust ignition advance and retard: 0–90° set base timing, overall advance and view ignition retard
- Measures battery voltage (10–16 V) with quick-references LEDs
- Measure and adjust ignition dwell: 0–180°/1–12 cylinders with points ignitions
- Set ignition timing: works on DIS, conventional and most aftermarket ignition systems without solid core wires (fits up to 10mm diameter)
- Measures engine RPM and ignition advance, as well as dwell on older points-type ignition systems
- Patented pivoting head with a xenon strobe and dual LED flashlight makes it easy to get into tight spots and see
- Timing on both 2- and 4-cycle (DIS and conventional) engines, 1–12 cylinders, no adaptors required
- Comes with a hard case for storage and protection
- Full two year warranty
- Patents #D377,622, #4,594,886 and #5,767,681 apply
- Technical Support: 877-447-6276

EETL500-2 Inductive Pick-up Leads
- Inductive pick-up leads for the EETL500 Timing Light

EETL5568A‡ Digital Timing Light (Blue-Point®)
- Multifunction timing light works on all distributorless and conventional ignition systems
- Patented skip circuitry tests tachometer readings up to 9,900 RPM
- View, set and adjust ignition advance and retard: 0–90°
- Measure and adjust ignition dwell: 0–180°/2–12 cylinders
- Measure battery and charging voltage: 10–16 V
- Dual display backlit screen allows clear viewing of the tachometer and ignition advance reading
- Clamp opening fits up to a 10 mm diameter spark plug wire
- Includes carry case EETL5568-PB

MT125A Self-Powered Timing Light (Blue-Point®)
- Self-powered timing light features a single 6' inductive pick-up
- Quick attachment to spark plug wires on motorcycles, marine motors, snowmobiles, jet skis, small engines and other equipment that do not have easy access to a battery power source
- Can be used for automotive applications
- On/Off switch is located within thumb's reach
- Maximum 2,000 RPM

MEMORY SAVERS

EECS5MEM

YA960

Computer Memory Savers

EECS5MEM‡ 5' OBD-II Memory Cord (Blue-Point®)
- Turns any jump starter with a 12 V power port into a memory saver
- Acts as an interface connector between a jump starter and a vehicle's OBD-II port
- Prevents electronic memory loss when disconnecting a vehicle's battery

YA960 Computer Memory Saver (Blue-Point®)
- Prevents memory loss on digital radios, clocks, door locks and computers when disconnecting a vehicle battery
- Plugs into cigarette lighter socket
- Uses a 9 V battery to keep "memories" alive for up to four continuous hours

Fuse Tools (Blue-Point®)

FZ7A Fuse Tongs (Fuses 15/16" to 1" D) (Blue-Point®)
- Nylon tongs remove auto high-tension wires and pull cartridge fuses from 15/16–1" in diameter
- Hooks on the handles and jaws
- Tongs have high insulating qualities and are resistant to oil, water and heat up to 300 °F
- Hand stops prevent slipping

FZ7A

FZ4B Fuse Tongs (Fuses up to 15/16" D) (Blue-Point®)
- Delrin® tongs pull fuses up to 15/16" in diameter
- 1/8" hook on the handle pulls short fuses
- Tongs have high insulating qualities and are resistant to oil, water and heat up to 300 °F
- Hand stops prevent slipping

FZ4B

YA9811‡ Relay/Fuse Pliers (Blue-Point®)
- Removes/installs relays and fusible links
- Designed to reach into confined access areas
- Slip joint design enables use for a variety of sizes
- Coated pliers tips securely grips corner of relay or fusible link
- Black industrial finish with red cushioned grip handles
- 8" in length

YA9811

GM® Multifunction Switch Tool

GMSTB25‡ Multifunction Switch Tool for GM® vehicles
- Reduces the time it takes to replace the multifunction switch (turn signal/dimmer/windshield wiper) without removing the airbag, steering wheel and clock spring
- Includes a low-profile 1/4" magnetic bit wrench with a T25 Ball TORX® bit that allows better control and access in restricted areas
- Reversible ratcheting action
- Heat-treated for strength and durability
- Chrome plated for great appearance and wear resistance

GMSTB25

Wire Insertion Tools

WINS100R* Wire Insertion Tool Set
- Prevents damage to electrical sheathing
- Helps the technician feed or pull wire around a number of obstacles, or against pieces of metal
- Provides flexibility/adaptability; set allows technician to adapt to each application through the use of different lengths and diameters of tubes
- Ideal for use with Snap-on® videoscopes; protects investment by using this tool to direct/protect the expensive fiber optic element during use
- Tubes thread into metal threaded insert within the handle, providing strong connection
- Tube angular orientation prevents the wires from "dead-heading" against an object, and getting stuck or damaged
- Includes storage tray

WINS100R

WINS430 5/16 x 4" Shaft for WINS100 Set
WINS450 1/2 x 4" Shaft for WINS100 Set
WINS830 5/16 x 8" Shaft for WINS100 Set
WINS850 1/2 x 8" Shaft for WINS100 Set
WINS1R* Wire Insertion Tool Hard Handle
- Handle is interchangeable with WINS100 and WINS240 series straight tube shafts

WINS240R* 3 pc Flexible Wire Insertion Tool Kit
- Flexible shafts allow the user to install/remove wires around obstacles
- Prevents damage to delicate wire sheathing
- Handle is interchangeable with the WINS100 Series straight tube shafts
- 4.5 mm shaft diameter shaft has the ability to hold a tight radius
- Includes a storage tray

WINS240R

WINS12FS 12" Wire Insertion Flexible Shaft
- Flexible shafts allow the user to install/remove wires around obstacles
- Prevents damage to delicate wire sheathing

WINS24FS 24" Wire Insertion Flexible Shaft
- Flexible shafts allow the user to install/remove wires around obstacles
- Prevents damage to delicate wire sheathing
- Ideal for motorcycle wiring (tubes and handlebars)

WINS24FS

Colors Available

Red　Orange　Green
*　O　G
ADD SUFFIX TO STOCK NUMBER
FOR SPECIAL COLORS.

⚠ **WARNING**

- Read and follow safety messages in the Instructions.
- Do not use in environment with explosive vapor.
- Plastic coated handle does not protect against electric shock.
‡ These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
- Read Safety Precautions on pages W1–W4

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ELECTRICAL/TERMINAL TOOLS

YA13120

GA500A

TT12KT

BTC10

BTC8A

YA249

YA9484

Terminal Tools

YA13120 Electrical Connector Separator (Blue-Point®)
- Disconnects electrical connectors without damage
- Double ended to fit different access angles
- Simply engage the tool tip behind the connector clip, and push or pull to disconnect
- Works on Weather Pack and other automotive electrical connectors

GA500A Wire Terminal Tool (Blue-Point®)
- Prongs depress the barbs on conventional terminals

YA500GM Wire Terminal Tool (Blue-Point®)
- Designed for use for Pack-Con and Weather Pack terminals on GM® C3 systems

YA500F Terminal Tool for Ford® Vehicles (Blue-Point®)
- For use on Ford® terminals

TT3KT Terminal Tool Set (Blue-Point®)
- Comprehensive set covers the majority of today's popular terminals
- Includes GA500A, YA500GM, YA500F and TT3-1 handles that slip over probes to protect the technician's hands and provides extra leverage

TT600‡ 6 pc Terminal Tool Kit
- Includes (6) tools for removing terminals from the harness blocks: pin vise, square probe, wedge probe, tube probe, flat probe and hook probe
- Includes a vinyl pouch

TT12KT C3/Wire Terminal Tool Kit for GM® Vehicles (Blue-Point®)
- Applications include most GM® and other US computer connectors and terminals
- Individual handles for easy access in tight places
- Designed for Pack-Con and Weather Pack terminals with a flat blade to open connectors and a fork for ALDL connectors to access trouble codes
- Color coded: red handle for GM® and green for wire terminal tools
- Kit includes these GM® C3 system terminal tools: 3.3 x 28 mm terminal tool, 1.4 x 28 mm square terminal tool, 1.5 x 24.75 mm flat terminal tool, 2 x 22 mm flat terminal tool, 8 x 24 mm fork terminal tool, 3/16 x 1" flat screwdriver, 3.3 x 28 mm tube terminal tool, 4.3 x 13 mm tube terminal tool, 3.75 x 13 mm tube terminal tool, 3 x 13 mm tube terminal, 3 mm flat 2-blade terminal tool and 1.6 mm flat 2-blade terminal tool
- Includes a storage case

BTC10 Side Terminal Cleaner (Blue-Point®)
- Cutters on one side clean battery contacts and a brush cleans the cable contact
- 4-1/2" long

BTC3A Terminal Brush (Blue-Point®)
- Stiff wire bristles thoroughly clean posts and clamps
- 3-3/8" long

BTC7B Terminal Cleaner (Blue-Point®)
- Cleans posts and cable clamps
- Includes a small circular wire brush with a protective cap to clean side terminals
- Plastic body

BTC8A Terminal Cleaner (Blue-Point®)
- Cleans posts and cable clamps
- Plastic body
- 3-1/2" long

BTCR1‡ Battery Crimp Tool
- Designed to service battery cables while still attached to the vehicle
- Uses a common wrench and ratchet to securely crimp a cable end
- Crimps battery terminal ends up to 0 AWG cable
- Convenient 14 mm, 9/16" hex drive on heat-treated fine thread actuator and a 16 mm, 5/8" hex on the frame to hold it with a wrench while crimping
- Heat-treated for durability

BTCR1-1‡ Main Body
- Main body for the BTCR1 Battery Crimp Tool

BTCR1-2‡ Threaded Bolt
- Threaded bolt for the BTCR1 Battery Crimp Tool

YA249‡ 5/16" Hex GM® Battery Terminal Ratcheting Box Wrench (Blue-Point®)
- Designed for use on GM® side terminal batteries
- 5/16" hex, 5-1/2" long

YA249L‡ 5/16" Side Battery Terminal Ratcheting Box Wrench (Blue-Point®)
- Extra long (9-3/4") for connecting/disconnecting battery side terminals on 1994–later Ford® Aerostar vans and GM® vehicles including 1994–later Pontiac® Grand AM, Grand Prix®, W body cars, plus Buick® Regal®, Oldsmobile Cutlass, Chevrolet® Lumina and Lumina APV
- 5/16" wrench size

YA9484 Battery Terminal Crimper (Blue-Point®)
- Ideal for replacing or repairing battery cable terminal ends
- Design helps prevent overcrimping
- Terminal sizes 6-gauge through 4/0

TT1201 Terminal Tool
- 3.3 x 28 mm
- Red handle

TT1202 Square Terminal Tool
- 1.4 x 28 mm
- Red handle

TT1203 Flat Terminal Tool
- 1.5 x 24.75 mm
- Red handle

TT1204 Flat Terminal Tool
- 2 x 22 mm
- Red handle

TT1205 Fork Terminal Tool
- 8 x 24 mm
- Red handle

TT1206 Flat Tip Screwdriver
- 3/16 x 1"
- Red handle

TT1207 Tube Terminal Tool
- 3.3 x 28 mm
- Green handle

TT1208 Tube Terminal Tool
- 4.3 x 13 mm
- Green handle

TT1209 Tube Terminal Tool
- 3.75 x 13 mm
- Green handle

TT1210 Tube Terminal Tool
- 3 x 13 mm
- Green handle

TT1211 Flat Two-Blade Terminal Tool
- 3 mm
- Green handle

TT1212 Flat Two-Blade Terminal Tool
- 1.6 mm
- Green handle

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Terminal Tools

SGDTT106*‡ 6 pc Deutsch Terminal Tool Kit
- Stainless steel design prevents the tool from breaking or bending
- Six tools cover the entire spectrum of sizes from 20–4
- Designed to be long enough to reach the retaining tabs without removing the seal
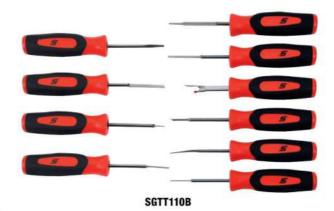
SGDTT4*‡ Size 4 Deutsch Terminal Tool
- Stainless steel design prevents tool from breaking or bending unlike plastic OEM tools
- Deutsch connectors are heavily sealed for use in harsh conditions like those in agriculture, construction and recreational applications
- These seals are extremely difficult to remove when the connector is fully stuffed with wires/terminals; these new terminal tools are designed to be long enough to reach the retaining tabs without removing the seal

SGDTT8*‡ Size 8 Deutsch Terminal Tool
SGDTT12*‡ Size 12 Deutsch Terminal Tool
SGDTT14*‡ Size 14 Deutsch Terminal Tool
SGDTT16*‡ Size 16 Deutsch Terminal Tool
SGDTT20*‡ Size 20 Deutsch Terminal Tool

Colors Available

Red | Orange | Green
* | O | G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

SGDTT106

SGTT110B

Soft Grip Terminal Tools

Easily remove terminals from electrical connectors found on mid-1990s and later US and import vehicles. Terminal tools incorporate a stainless steel design with ergonomic soft grip handles.

SGTT110B 10 pc Soft Grip Terminal Tool Set
- Includes (10) terminal tools
- Includes a storage tray

SGTT1B Soft Grip Terminal Tool
- Use on PCM and transmission harnesses found on Chrysler®, Hyundai®, Kia® and Mitsubishi® vehicles
- 4-13/16" long

SGTT2B Soft Grip Terminal Tool
- Provides a robust narrow-width blade with a fulcrum for easier access to the release tabs found on newer terminal blocks
- 4-13/16" long

SGTT3B Soft Grip Terminal Tool
- For use on underhood sensors, such as coolant temperature and throttle position sensors
- For use on Ford®, GM® (including Cadillac®), Chrysler®, Mitsubishi® and Hyundai® vehicles
- 4-13/16" long

SGTT4B Soft Grip Terminal Tool
- Used for cutting open wire harnesses for easy access to troubleshooting and replacement applications
- Easily slits harness sheathing without piercing the wires inside
- 4-3/8" long

SGTT5B Soft Grip Terminal Tool
- For use on 55-pin ABS ECUs found on Ford®, GM®, Jaguar®, Jeep®, Volvo®, VW®, BMW®, Hyundai®, Kia® and Mercedes® vehicles
- 4-13/16" long

SGTT6B Soft Grip Terminal Tool
- For use on 35-pin ABS ECUs found on Audi®, BMW®, Chrysler®, Ford®, GM®, Infiniti®, Isuzu®, Jaguar®, Mazda®, Mercedes-Benz®, Mitsubishi®, Nissan®, Porsche®, Subaru®, Saab®, Volvo® and VW® vehicles
- 4-13/16" long

SGTT7B Soft Grip Terminal Tool
- Applications include Powertrain Control Modules (PCM) on Acura®, Audi®, Chrysler®, Ford®, Hyundai®, Jaguar®, Kia®, Mercedes-Benz®, Mazda®, Toyota® and Volkswagen® vehicles
- 4-27/32" long

SGTT8B Soft Grip Terminal Tool
- Applications include Powertrain Control Modules (PCM) on Acura®, Audi®, Buick®, Chrysler®, Ford®, GM®, Honda®, Jaguar®, Mercedes-Benz®, Mazda®, Toyota® and Volkswagen® vehicles
- 4-27/32" long

SGTT9B Soft Grip Terminal Tool
- Applications include Powertrain Control Modules (PCM) on Acura®, Audi®, Chrysler®, Jaguar®, Hyundai®, Kia®, Mercedes-Benz®, Toyota® and Volkswagen® vehicles
- 4-27/32" long

SGTT10B Soft Grip Terminal Tool
- Applications include open connector clips and sides of clips on Acura®, Audi®, Chrysler®, Honda®, Mercedes-Benz® and Volkswagen®
- 4-27/32" long

⚠ **WARNING**

- Plastic coated handle does not protect against electric shock.
‡These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
- Read Safety Precautions on pages W1–W4

TESTING & ELECTRONICS

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TESTING & ELECTRONICS

EEPV700-MSTR

EEPV700-ADD

EEPV700-KIT

(For use with the EEFI or EEPV vehicle specific
adaptors sold separately or already owned)

Pressure Gauge Sets

EEDF700-MSTR 1,000 PSI Wireless Diesel Pressure Tester Set with Free App

- Test low-side fuel pressure and compression on Powerstroke®, Cummins®, Duramax® and other light and medium duty trucks—test vacuum and more
- Master set includes the adaptors found in: EEPD500, EEPD501, EEDF500, EEDF502, EEDF503 (No duplication, no analog gauges)
- Gray housing helps identify diesel vs. the original red gas version
- Organized compartments in the top tray and movable dividers in the lower section allow the user to neatly store components
- Units of measure include PSi, kPa, Bar, mBar, inHg, inH$_2$O, cmH$_2$O
- View the pressure and vacuum measurement results that transmit wirelessly to a Bluetooth®-enabled Android® or Apple® device (sold separately), or on the tool display
- Record readings to your Bluetooth®-enabled device during a road test; view the results back in the shop
- Min/max readings are graphed to aid in diagnosing the problem
- Store 1–12 cylinder readings; no writing required
- Store the results by customer, vehicle, license plate, date, technician and more
- Share the results via shop email, text or social media—include with vehicle owner's invoice

Included Accessories

EEPV700-1 Compression Test Adaptor
EEPV700-2 Fuel Pressure Test Adaptor
EEPV700-3 Oil Pressure Test Adaptor
EEPV700-4 Transmission Pressure Test Adaptor
EEPV700-5 Vacuum Test Adaptor

Follow these steps:
1. Get free app
2. Select and connect included adapter to pressure tester
3. Connect to engine
4. Sync to remote device
5. Take readings and diagnose
6. Store and share results
- Convenient magnet for easy mounting
- Requires less space in your tool box for all this capability
- For customers who prefer the APP's capability and the digital readout vs analog gauge
- Technical Support: 855-779-8880

EEPV700-ADD Fuel, Vacuum, Engine Oil, Transmission, Pressure and Compression Adaptor Kit
(EEPV700-KIT) + (EEPV700-ADD) = (EEPV700-MSTR)
- The complete adaptor kit includes the essentials for testing compression, vacuum, fuel, engine oil or transmission fluid pressure up to 500 PSI maximum when added to the EEPV700-KIT already owned
- Organized compartments in the top tray and moveable dividers in the lower section allow you to store components neatly as desired

EEPV700-KIT 500 PSI Wireless Pressure Tester Kit

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Snapon.com 1.877.762.7664