



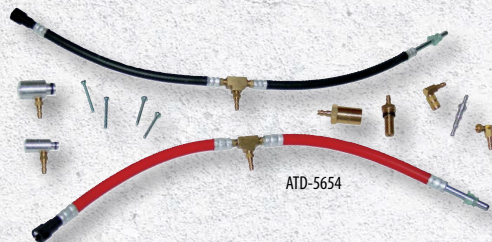
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ATD

ATD-5549 Deluxe Fuel Injection Pressure Test Kit

Features:

- This kit covers most fuel injection systems worldwide (including CIS and TBI)
- 3-1/2" gauge has a dual scale dial with ranges from 0–100 psi and 0–7 BAR
- 6 ft. of tubing and relief valve to relieve pressure
- 4 ft. gauge and hose assembly with hook enables the technician to free his hands
- Quick coupler connection at end of gauge hose
- Adapter guidebook included
- Molded storage case



Covers CIS and TBI
Fuel Injection Systems



Also Available:

ATD-5654 Fuel Injection Update Kit

Updates ATD-5549 enabling fuel injection pressure tests on all major vehicle platforms on the market through 2019, domestic and foreign.

ATD-5578 Master Fuel Injection Pressure Test Kit

Features:

- Includes late model GM, Chrysler, Mitsubishi and European applications
- Tests most fuel injection systems both foreign and domestic
- (2) gauges with gauge protectors for accurate testing from 5–150 psi
- Large 3-1/2" gauge with dual reading of 0–150 psi and 0–1,000 KPA
- Low pressure 2-1/2" gauge for an accurate reading below 15 psi
- All adapters, gauge and hose assemblies feature a quick coupling system for fast and efficient testing connection
- Uniquely designed relief valve relieves the pressure and the fuel safely
- Allows checking for sufficient fuel flow
- No need for wrenches or pipe dope
- Complete with instruction manual
- Molded storage case



ATD-5567 Fuel Injection Pressure Test Kit

Features:

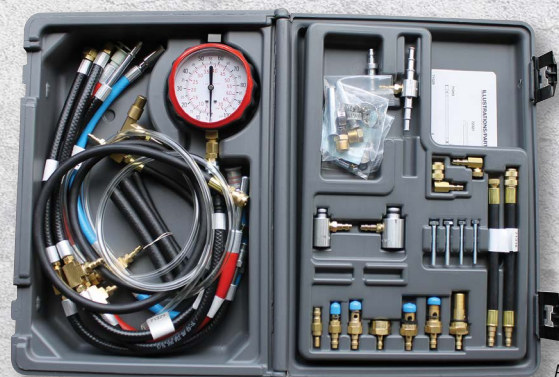
- Includes everything needed to test the following systems: American Motors; Bosch AFC; MPC European and Japanese (except CIS); Chrysler Corporation; Ford Motor Company; GM (except TBI); Japanese fuel injection systems and others using Bendix-type fuel injection systems or Schrader-type valve, including the small valve found on multi-port systems on Ford
- 2-1/2" gauge has dual scale dial with ranges from 0–100 psi and 0–7 BAR
- Includes large and small Schrader adapters, M6-1.00 O-ring adapter and tee manifold

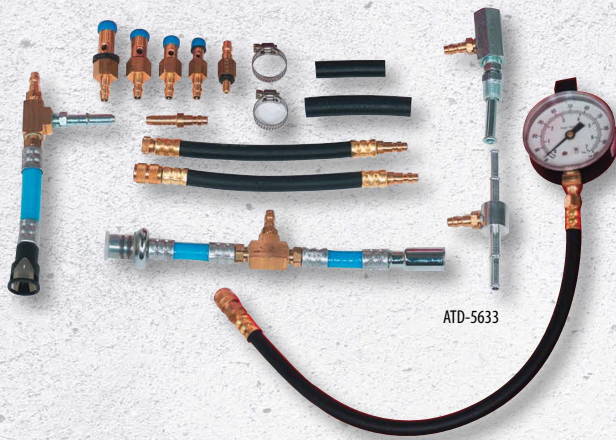


ATD-5650 Master Global Fuel Injection Pressure Test Kit

Features:

- Covers all major model vehicle platforms, domestic and foreign, 1988 to present (does not include CIS/TBI)
- Test gauge assembly disconnects from test hose and valve assembly for easier storage and improved gauge protection
- Redesigned fuel line tee accommodates 3/8", 1/4" and 5/16" hose sizes
- Contains longer tee adapter to cut test hoses for easier connections
- Neoprene boot for ultimate protection of test gauge and vehicle finish
- Neatly organized molded storage case with marked adapters for easy cross-reference to the adapter guidebook
- Case contains a hinged lid compartment to easily store hose assemblies
- In-depth guidebook gives detailed vehicle model adapter information
- Molded storage case





ATD-5633

ATD-5633 Basic Fuel Injection Pressure Test Kit

Features:

- This set includes everything to test the following: Ford Motor Company; GM (except TBI); MPC; Digijet / Digifant (except CIS); Bosch AFC; Japanese fuel injection systems; Chrysler Corporation; others using Bendix-type fuel injection or Schrader-type valve, including the small valves found on Ford products.
- 2-1/2" gauge has a dual scale dial with ranges from 0–100 psi and 0–7 BAR
- Quick coupler connection at end of gauge hose
- 16 in. gauge and hose assembly with hook enables the technician to free his hands
- Includes a multitude of adapters, banjo bolts and a 16" gauge and hose assembly
- Adapter guidebook included

ATD COMPRESSION TESTERS



ATD-5659

ATD-5659 Universal Compression Test Kit

Features:

- For gasoline engine compression testing on domestic and foreign cars and trucks
- Screw-in adapters with O-rings provide professional accuracy
- Adapters included: 14mm and 18mm short solid, 14mm and 18mm long flex and 14mm long reach
- Long flex 12" hose and adapters eliminate having to remove engine accessories to test compression
- Release valve allows quick re-testing of cylinder without removing adapter
- 2-1/2" gauge has dual scale dial with ranges from 0–300 psi and 0–21 BAR



ATD-5639

ATD-5639 Super Compression Tester Kit

Features:

- Tests compression on all major model vehicle platforms, domestic and foreign with gasoline engines, including mini engines
- Quick coupler connection on gauge assembly for fast and easy changing of hose and adapter assemblies
- 2-1/2" gauge has dual scale dial with ranges from 0–300 psi and 0–21 BAR
- Easy push-button deflator for fast service
- Rubber gauge boot for added protection

Includes:

- Small engine tester with heavy-duty hose
- M14 flexible hose adapter with short thread
- M14 flexible hose adapter with long thread
- M18 flexible hose adapter with short thread
- M18 solid long reach adapter
- M10 and M12 solid adapters
- Instructions and labeling that clearly identifies each product
- Molded storage case



ATD-5682

ATD-5682 Heavy-Duty Global Diesel Compression Test Kit

Features:

- Includes many of the most popular adapters for testing major model heavy-duty trucks and equipment
- 2-1/2", 0–1000 psi gauge with easy-to-read RED and BLACK graduations
- Contains tester and all the most popular adapters needed to test heavy-duty trucks and equipment
- Adapters to test Cummins, Bedford, Case, Caterpillar®, John Deere®, Fiat Allis, Ford Tractor, GMC, Hino Trucks™, International and Navistar, Isuzu, Mack, Massey-Ferguson, Mercedes, Mitsubishi-Fuso, Onan, Scania, Volvo, Wisconsin and others
- Molded storage case

ATD-5680 American Diesel Compression Test Kit

Features:

- A great basic set for diesel work in the American market
- Adapters included for Audi, GM, Isuzu, Lincoln, Ford/Navistar, Mercedes, Peugeot, Toyota, VW, Volvo and more
- Release valve allows quick retesting of cylinder without removing adapter
- 16-1/2" wire reinforced hydraulic hose has a quick-coupler on a swivel for ease of connection
- 2-1/2" gauge with easy to read RED and BLACK graduations
- Molded storage case



ATD-5680

CYLINDER LEAKAGE TESTER **ATD**

ATD-5573A 2 Gauge Cylinder Leakage Tester

Features:

- 2 gauge design allows for monitoring of input air line pressure to ensure accurate testing
- Helps to pin-point problems indicated by a compression test or cylinder balance test
- Easy-to-use regulator allows for precise control of input air pressure
- Reducer adapter allows use of any 1/4" male quick connect plug
- New design incorporates a round, anodized body with permanent laser etching for a sleeker appearance
- Uses shop air to determine leakage source as well as the amount of leakage measured in percentage of loss
- New larger, easier-to-read pressure gauge has a dual scale dial with ranges from 0–100 psi and 0–7 BAR with a redesigned gauge boot for added protection
- New industrial interchange quick coupler allows use with most standard compression test adapters on the market (*some adapters require removal of the valve core*)
- New larger, easier-to-read leakage gauge has one multi-colored band for measuring low, moderate and high leakage, and a scale range from 0–100% with a redesigned gauge boot for added protection



ATD-5573A

Includes:

- New M14 short thread adapter on a 26" hose assembly
- M14 long thread solid adapter
- 1/4" female x 1/8" male reducer adapter

FUEL PUMP TESTER **ATD**

ATD-5657 Deluxe Vacuum and Fuel Pump Tester

Features:

- Hook-on gauge and hose assembly enables the technician to free his hands
- Includes 2 ft. of high quality hose and (3) fittings to test domestic and foreign cars and trucks with gas engines
- 3-1/2" compound gauge has a multicolor dual scale dial with ranges from 0–10 psi, 0–0.7kg/cm² pressure and 0–28inHg/0–70cmHg vacuum

Assists in diagnosing:

- | | | |
|---------------------------------|----------------------------|----------------------------|
| • Fuel pump pressure | • Incorrect timing | • Worn piston rings |
| • Leaky, burnt or sticky valves | • Heating and A/C controls | • Emission control devices |
| • Leaky intake manifold | • Windshield wipers | • Turbo pressures |
| • Restricted exhaust systems | • Power brakes | |



ATD-5657

TRANSMISSION TOOLS **ATD**

ATD-5550 Automatic Transmission and Engine Oil Pressure Test Kit

Features:

- Checks oil pressure in automatic transmissions and gasoline engines
- Tests major model domestic and foreign cars and light trucks
- More accurate than dashboard oil pressure gauges
- 6 ft. of oil proof nitrile hose makes testing easier
- Standard and metric fittings
- 2-1/2" gauge has dual scale dial with ranges from 0–300 psi and 0–21 BAR



ATD-5550



ATD-5608 Quick Change Automatic Transmission and Engine Oil Pressure Test Kit

Features:

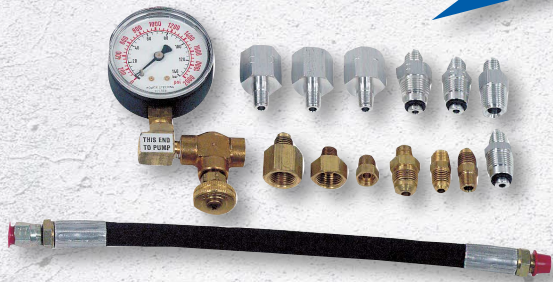
- 3-1/2" gauge has dual scale with ranges from 0–400 psi and 0–28 BAR
- Quick coupler connection on gauge assembly for fast, easy changing of gauge to the hose assembly
- 2-1/2" gauge has dual scale dial with ranges from 0–100 psi and 0–7 BAR
- Hook-on gauge and hose assembly enables the technician to free his hands
- 6 ft. hose for easy gauge viewing and the ability to test the vehicle from the driver's seat
- Molded storage case

Set of 21 adapters includes:

- (11) Aluminum (metric)
- (7) Brass (NPT)
- (3) Steel (fractional)

ATD-5608

ATD POWER STEERING and RACK TESTER



ATD-5556 Power Steering and Rack Test Kit

Features:

- Handy diagnostic tool for rack problems takes the guesswork out of power steering analysis quickly and accurately, by detecting defective power steering pumps and gears and kinked or clogged lines
- Quickly points out if trouble is in front suspension or steering linkage
- Includes most adapters needed to test domestic cars and light trucks and some imports
- Dual 2-1/2" easy-to-read gauge records pressure from 0–2000 psi and 0–140 BAR

ATD-5556



ATD-5595 Inductive Timing Light

Features:

- Inductive pick-up clamps over the spark plug wire - no adapters required
- Precision focused flash tube for concentrated brilliant light
- Removable/replaceable 4 ft. leads
- Designed for all 12V systems - reverse polarity protected
- Field replaceable flash tube
- Trigger switch prolongs tube and circuit life
- Accurate up to 8,000 rpm
- Shock-resistant plastic housing reduces damage from accidental drops

ATD-5595

ATD TIMING LIGHTS

ATD-5598 Self-Powered Inductive Clamp Timing Light

The original battery powered timing light, built with quality to last. There's no need to connect to a 12V battery for power. Unit is powered by (2) D cell flashlight batteries and is a great tool for marine, snowmobile, industrial, racing and other small engine timing.

Features:

- Protective sleeve withstands high temps (1,200° F)
- For 2 or 4 cycle engines and all ignition systems
- Accurate up to 14,000 rpm
- Standard lead length 4 ft.
- Bright flash at all speeds
- Made in USA

Also Available:

ATD-5598-10
Self-Powered Inductive Clamp Timing Light with 10 ft. Lead

ATD-5598-20
Self-Powered Inductive Clamp Timing Light with 20 ft. Lead

ATD-5598-30
Self-Powered Inductive Clamp Timing Light with 30 ft. Lead



ATD-5598

ATD-5544 Digital Mini Multimeter

An economical digital multimeter that can't be beat. It has the capabilities of full range units but is small enough to fit in your pocket. Includes test leads, protective holster and installed battery.

Features:

- Test Ranges: 16
- Test Functions: 6
- Protective holster
- 3-1/2" digital LCD display
- Fuse protected
- Safety leads and jacks

Test Ranges:

- DC Volts: 0–200mV, 2000mV, 20V, 200V, 500V
- AC Volts: 0–200V, 500V
- DC Amps: 0–2mA, 20mA, 200mA
- Ohms: 0–200, 2000, 20K, 200K, 2000K
- Battery Test: 0–9V
- Diode: Diode test



ATD-5544

ATD-5536 Digital Multimeter

This digital multimeter has the compact design and functions you need for overall convenience. Its capabilities are equal to many higher priced multimeters. Includes test leads, protective holster, instructions and installed 9V battery.

Features:

- Test Ranges: 20
- Test Functions: 7
- Test Range: 10 Amp
- Continuity beeper
- Fully fuse protected
- 10 Meg/Ohm impedance

Test Ranges:

- DC Volts: 0–200mV, 2V, 20V, 200V, 1000V
- AC Volts: 0–200V, 750V
- DC Amps: 0–200µA, 20mA, 200mA, 10A
- Ohms: 0–200, 2000, 20K, 200K, 2M, 20M
- Continuity Test: Audible beep
- Diode: Diode test
- Transistor: Transistor test



ATD-5536

ATD-5519 Auto-Ranging Digital Multimeter

This high precision auto-ranging digital multimeter can help you troubleshoot all types of electrical problems. Just set to the desired test function and the unit automatically selects the proper test range. Includes test leads, instruction manual, protective holster and (2) AA batteries.

Features:

- Test Ranges: 43 (auto ranging)
- Test Functions: 10
- Auto power OFF, data hold
- Dual fuse protection
- 10 Meg/Ohm input impedance

Test Ranges:

- DC Volts: 0–400mV, 4V, 40V, 400V, 600V
- AC Volts: 0–400mV, 4V, 40V, 400V, 600V
- DC Current: 0–400µA, 4mA, 400mA, 10A
- AC Current: 0–400µA, 4mA, 400mA, 10A
- Resistance: 0–400, 4k, 40k, 4M, 40M
- Frequency: 0–9.999Hz, 99.99Hz, 999.9Hz, 9.999kHz, 99.99kHz, 999.9kHz, 9.999MHz
- Capacitance: 0–4nF, 40nF, 400nF, 4µF, 40µF
- Duty Cycle: 0.1%–99.9%
- Diode: Diode test
- Continuity Test: Audible beep



ATD-5519



ATD-5540

ATD-5540 Digital Automotive Engine Analyzer/Multimeter

This unit has many of the necessary features required for today's automotive diagnostics. Use frequency readings to test crankshaft and camshaft sensors. It comes equipped with an rpm pick-up, probe test leads, alligator clip test leads, instructions and installed 9V battery. Inductive rpm pick-up features a 5-position, adjustable sensitivity switch.

Features:

- Test Ranges: 25
- Test Functions: 9
- Easy rpm readings
- Inductive rpm pick-up included
- 10 Meg/Ohm input impedance
- Dual fuse protection
- Built-in tilt stand

Test Ranges:

- DC Volts: 0–200mV, 2V, 200V, 600V
- DC Amps: 0–10A
- Frequency: 0–200Hz, 2000Hz, 20kHz
- RPM: 0–2000, 12000
- Ohms: 0–200, 2K, 20K, 200K, 2M, 20M
- Duty Cycle: 1.0%–90%
- Dwell: 3 cyl., 4 cyl., 5 cyl., 6 cyl., 8 cyl.
- Continuity Test: Audible beep
- Diode: Diode test



ATD-5570

ATD-5570 Deluxe Automotive Meter with RPM and Temperature Functions

A professional grade tool used for diagnosing electrical, computer and engine problems on any vehicle. Includes (2) sets of test leads, rpm pick-up, temperature probe, protective holster, 9V battery, instruction manual and carrying case. Inductive rpm pick-up features a 5-position, adjustable sensitivity switch.

Features:

- Test Ranges: 45
- Test Functions: 14
- RPM pick-up and temperature probe included
- Displays rpm for DIS and standard ignitions
- Dual display with analog bar graph and digital readings
- Built-in temperature readings
- 10 Meg/Ohm input impedance
- Dual fuse protection
- Safety leads and jacks
- Built-in tilt stand
- 9V battery included
- Carrying case included

Test Ranges:

- DC Volts: 0–320mV, 3.2V, 32V, 320V, 1000V
- AC Volts: 0–3.2V, 32V, 320V, 750V
- DC Amps: 0–320µA, 3.2mA, 32mA, 320mA, 10A
- AC Amps: 0–320µA, 3.2mA, 32mA, 320mA, 10A
- Ohms: 0–320, 3.2K, 32K, 320K, 3.2M, 32M
- RPM: 4 0–3200 RPM, 12000 RPM x 10
- RPM: 2/DIS 0–3200 RPM, 6000 RPM x 10
- Dwell: 2 cyl., 3 cyl., 4 cyl., 5 cyl., 6 cyl., 8 cyl.
- Duty Cycle: 1.0%–90%
- Frequency: 0–320Hz, 3200Hz, 32kHz
- Continuity Test: Audible beep
- Diode: Diode test



ATD-5597

ATD-5597 Digital High Current Probe/DMM

Another great tool for all around electrical troubleshooting. Ideal for all high current applications, especially starting and charging diagnostics. Can measure up to 1000 Amps AC or DC. Unit features built-in degrees Fahrenheit and Celsius temperature readings.

Features:

- Test Ranges: 37
- Test Functions: 10
- Auto power OFF
- Auto-ranging, data hold
- Temp probe included
- Continuity beep
- Overload protection
- Clamp opening 1.5"
- 9V battery included
- Carrying case included

Test Ranges:

- DC Amps: 0–40A, 400A, 1000A
- AC Amps: 0–40A, 400A, 1000A
- DC Volts: 0–400mV, 4V, 40V, 400V, 600V
- AC Volts: 0–400mV, 4V, 40V, 400V, 600V
- Frequency: 0–5Hz, 50Hz, 500Hz, 5kHz, 50kHz, 100kHz
- Capacitance: 0–40nF, 400nF, 4µF, 40µF, 100µF
- Duty Cycle: 0.5%–99.0%
- Diode: Diode test
- Continuity Test: Audible beep
- Temperature: -4° F to 1832° F (-20° C to 1000° C)

ATD CURRENT PROBE

ATD-5513 Heavy-Duty Circuit Tester

Features:

- Easily checks 6V and 12V systems
- 5 ft. heavy-duty lead
- Tough plastic handle lights up if circuit is good
- Lead remains flexible in low temperatures
- **Replacement Bulb: ATD-5506**



ATD-5513

ATD-5500 Primary Circuit Tester

Features:

- Easily tests 6V and 12V systems
- Locates shorts, open circuits and grounds
- Use with ignition on
- Clip to ground anywhere on vehicle and use probe to make contact with wire or cable being tested
- Bulb indicates condition of circuit
- **Replacement Bulb: ATD-5506**



ATD-5500

ATD-5624 Heavy-Duty Circuit Tester

Features:

- New coil cord design for ease of use
- Acetate handle, coiled lead wire
- Easily tests 6V and 12V systems
- New full size comfortable acetate handle lights up when circuit is good
- Leads remain flexible in low temperatures
- Ground lead stretches up to 10 ft.
- **Replacement Bulb: PRT5623-01**



ATD-5624

ATD-5623 Heavy-Duty 6-1/2" Extra-Long Probe Circuit Tester

Features:

- New coil cord design for ease of use
- Acetate handle, coiled lead wire
- Easily tests 6V and 12V systems
- New full size comfortable acetate handle lights up when circuit is good
- Leads remain flexible in low temperatures
- 6-1/2" long probe to reach into tight places
- Ground stretches up to 11 ft.
- **Replacement Bulb: PRT5623-01**



ATD-5623

ATD-55042 12/42V Hybrid Circuit Tester

Features:

- For 12V and 42V **Hybrid** systems
- Automatic Voltage Identification: BLUE LED for 12V and RED LED for 42V
- Pointed probe tests through wire insulation
- Computer and airbag safe
- 12 ft. heat and oil resistant coiled cord



ATD-55042

ATD-5503 Cordless Professional Circuit Tester

Features:

- Tests circuits from 3V to 28V DC
- LED light and buzzer indicator
- Does not require a ground wire or clip
- Safe for work on automotive computers, ECMS, airbags, etc.
- Special V-tip allows safe piercing and can be removed to test hard-to-reach places
- Operates on replaceable long-life N or LR-1 size alkaline batteries (included)



ATD-5503



ATD-55033

ATD-55033 Heavy-Duty 3-30V Cordless Circuit Tester

Features:

- 3-30V detection range of DC voltage
- Bi-directional polarity testing: Power and Ground
- Dual color LED indicates RED for POWER and GREEN for GROUND on 6V, 12V and 24V systems
- Compact size for use in tight access areas
- Computer safe
- For use on automotive, commercial vehicle and equipment repair



ATD-55045

ATD-55045 3-48 Volt LCD Wide Range Digital Circuit Tester

Features:

- Large, backlit LCD display for visible voltage readings
- Checks electrical circuits on all 3-48V vehicle systems
- Impedance rating 200-4,000 Ohms(Ω)
- 12 ft. coiled test lead



ATD-55048

ATD-55048 3-48 Volt Digital Master Circuit Tester Kit

Features:

- Kit includes a variety of probes, clamps and clips for all types of testing situations
- Large, backlit LCD display for visible voltage readings
- Checks electrical circuits on all 3-48V vehicle systems
- Impedance rating 600-4,800 Ohms(Ω)
- 12 ft. coiled cord test lead
- Molded storage case

Includes:

- Tester body with LCD display and 12 ft. coiled cord
- 2-1/4" stainless steel test probe
- 6-1/2" stainless steel test probe
- Small alligator clip
- Large alligator clip
- Clip adapter



ATD-5502

ATD-5502 6, 12 and 24V Continuity Tester

Features:

- Tests all 6V, 12V and 24V DC circuits and grounds
- Tests all voltage circuits with power disconnected
- Useful for testing appliances and electrical circuits
- Bulb lights to indicate shorts
- Perfect for RVs, marine and automotive circuit checks
- Nickel plated high carbon steel tip
- **Replacement Bulb: ATD-5509**



ATD-5614

ATD-5614 Relay Circuit Tester

Features:

- Able to test an entire circuit - from battery to component, including the relay
- Allows the technician to diagnose the problem without the use of a multimeter
- The lighted display shows the technician the problem immediately
- With this item the technician can jump a relay; do an AC charge from the relay by activating the compressor; do compression testing by activating the starter relay and even check turn signals or lights from the front of the car

Includes:

- Tester
- (6) Popular relay leads
- Universal relay lead
- Molded storage case

NOID LIGHTS **ATD**

ATD-5612 Noid Light Set

Features:

- Includes (10) noid lights plus a 4 ft. extension for easy viewing
- Quickly and easily tests electronic fuel injection systems on: GM TBI, GM '82-'91, GM '87- present, Bosch PFI, Ford TBI, GM PFI, Geo TBI and GM SCPI
- Molded storage case



ATD-5612

TACHOMETER **ATD**

ATD-5582 Pro Laser Tachometer

Features:

- Ideal tool for easy and accurate measurement of rpm in almost any environment
- High intensity laser beam not affected by shop light, detects rpm from up to 6 ft. away
- Measures up to 99,999 rpm in 1 rpm increments and can be used to measure rpm on coil-on-plug and diesel engines
- Simple operation, just aim at reflective mark to get rpm
- Memory function saves maximum and minimum rpm readings
- Includes zippered case, reflective tape, 9V battery and instructions



ATD-5582

BATTERY TESTERS **ATD**

ATD-5488 100 Amp Battery Load Tester

Tests 6 and 12V Batteries up to 1,000 Cold Cranking Amps:

- For conventional and maintenance free batteries in cars, light trucks, lawn tractors and RVs
- Simple to Use:**
- Completely portable - external power source not required; complete test done in 10 seconds
- Accurate and Dependable:**
- Heavy duty, shock-resistant ventilated cover; heavy duty, color-coded, copper-plated clamps

Tests:

- State of charge
- Cranking ability
- Charging system output
- Starter motor draw



ATD-5488

ATD-5489 500 Amp Variable Load Carbon Pile Battery Tester

Features:

- Color-coded, temperature compensated pass/fail bands on voltmeter for accurate assessment
- Tests: Battery state of charge, battery load test, alternator output test, starter draw test
- Heavy-duty, color-coded clamps for secure battery connections
- Separate ammeter to enable precise loading of battery
- Tests 12V batteries, alternators and starters
- Tests batteries to 1000 CCA
- Durable steel case

Specifications:

- Voltage: 12 Volt
- Load: 0-500 Amps
- Display: Ammeter + Voltmeter
- Cooling Method: Convection
- Cables: 43" #4 Ga.
- Feedback: Audible alarm signals end of load test



ATD-5489



ATD-5490

ATD-5490 12V Electronic Battery Tester

Features:

- Automatic battery size selection- NO need to input CCA, SAE, EIC, EN, DIN or JIS
- Uses conductance technology for safe, reliable testing
- Battery condition is shown in % of capacity
- Tests 12-Volt batteries- both flooded lead acid & AGM style
- Tests discharged batteries
- Tests 12-Volt starting and charging systems
- Multi-colored bar graph displays battery condition
- Low-voltage indication is displayed when battery charging is necessary
- Bad cells are detected and displayed
- Reverse polarity protection
- Patented circuitry
- **Made in USA**

Specifications:

- Battery Test Range (Auto/Truck): >390 to 1,400 CCA
- Battery Test Range (Small Auto): 100 to 390 CCA
- DC Voltage Range: 5.5V to 19.9V
- Voltage Accuracy: +/- 2% of reading
- Weight: 0.75 lbs.



ATD-5491

ATD-5491 6V and 12V Electronic Battery and 6/12/24/36V Charging/Starting Systems Tester

Features:

- Displays both percent of capacity and cold cranking amps
- Tests all 6V and 12V Lead-Acid, AGM and Gel batteries
- Detects and displays alternator ripple and bad cells
- Tests 6/12/24/36V starting/charging systems
- Includes RoHS compliant post adapters
- IR printer interface for remote printing
- Tests series (24V) and parallel batteries
- Patented Conductance Technology
- Reverse polarity protection
- Loose lead detection
- **Made in USA**

Specifications:

- DC Voltage Range/Accuracy 0-49V/±2% of reading
- Battery Voltage Range: 6V and 12V
- Languages: English, Spanish, French & German
- Internal Battery: 9V (included)
- International Units Displayed: EN, EIC, DIN, JIS
- Display: 2 line LCD
- Ah displayed for 6V batteries only
- Cable Length: 2 ft.
- Battery Size Range: 100-3,500 CCA



ATD-3302 25 Pc. Master Cooling System Pressure Test Kit

Features:

- Quickly reveals external cooling system leaks
- Detects internal engine leaks caused by blown head gaskets and/or cracked block or heads
- Easily test entire cooling system including radiator, heater core and radiator cap

Applications Include:

GM, Ford, Dodge/Chrysler, Jeep, Acura, Audi, BMW, GEO, Honda, Infinity, Isuzu, Kia, Land Rover, Lexus, Mazda, Mercedes, Mitsubishi, Nissan, Subaru, Suzuki, Toyota, Volvo, VW and more

Kit Includes:

- Hand pressure pump with color coded 0-35 psi gauge and push-button pressure relief valve
- Temperature gauge
- (3) Chromed steel radiator adapters
- (18) Anodized aluminum radiator adapters
- (2) Radiator cap test adapters
- Molded storage case
- Instructions



ATD-3302

ATD-3300 Universal Cooling System Pressure Test Kit

Features:

- Quickly reveals external cooling system leaks
- Detects internal engine leaks caused by blown head gaskets and/or cracked block or heads
- Kit includes high quality hand pump and (12) adapters to fit the most popular domestic and import cars and light trucks

Kit Includes:

- Hand pressure pump with color coded 0-35 psi gauge and push-button pressure relief valve
- Temperature gauge
- (4) Chromed steel cap adapters
- (8) Anodized aluminum cap adapters
- Instructions
- Molded storage case

Already own this kit?
Update your adapters
with ATD-3305 Kit...



ATD-3300

ATD-3305 10 Pc. Cooling System Pressure Test Adapter Update Kit

Features:

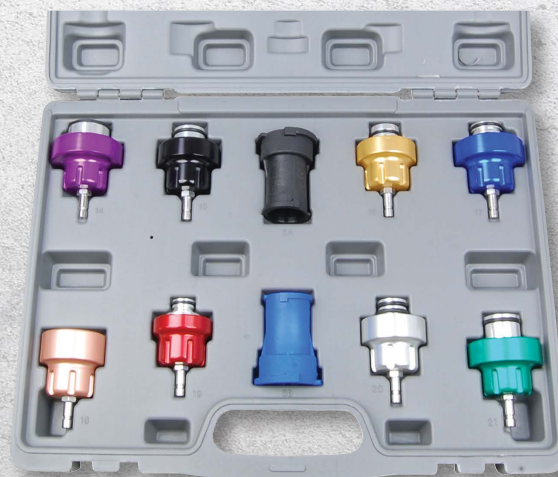
- 10 Pc. Adapter Update Kit to use with ATD-3300 Test Kit
- Detects internal engine leaks caused by blown head gaskets and/or cracked block or heads
- Easily test entire cooling system; including radiator, heater core and radiator cap
- Kit includes (8) radiator adapters and (2) radiator cap test adapters to fit the most popular domestic and import cars and light trucks

Applications Include:

GM, Ford, Jeep, BMW, Mazda, Mercedes, Toyota, Volvo, VW and more

Kit Includes:

- (8) Anodized aluminum radiator adapters
- (2) Radiator cap test adapters
- Molded storage case
- Instructions



ATD-3305



ATD-3301

ATD-3301 Master Cooling System Pressure Test & Refill Kit

Features:

- Quickly reveals external cooling system leaks
- Detects internal engine leaks from blown head gaskets and/or cracked block or heads
- Easily test entire cooling system including radiator, heater core and radiator cap
- Vacuum Purge and Refill Kit - refill cooling system and eliminate air pockets

Kit Includes:

- Hand pressure pump with color-coded 0–35 psi gauge and push-button pressure relief valve
- (16) Anodized aluminum radiator adapters
- (3) Chromed steel radiator adapters
- 3 Pc. Vacuum Purge and Refill Kit
- (2) Radiator cap test adapters
- Universal radiator adapter
- Temperature gauge
- Instructions
- Molded storage case

For Use With:

GM, Ford, Dodge/Chrysler, Jeep, Acura, Audi, BMW, GEO, Honda, Infinity, Isuzu, Lexus, Mazda, Mercedes, Mitsubishi, Nissan, Subaru, Suzuki, Toyota, Volvo, VW and more



ATD-3307

ATD-3307 Heavy-Duty Cooling System Pressure Test and Refill Kit

Features:

- Remove the complications that often result from unreliable rubber plugs or bladders with our heavy-duty cooling system pressure test and refill kit
- Uses shop air to hold continuous pressure in the cooling system during testing and refill
- (5) Quick disconnect vacuum attachments provide quick refilling of the cooling system and eliminate air pockets

Kit Includes:

- Heavy-duty vehicle adapters
- Pressure test regulator
- Vacuum refill attachment with tubing
- Instructions
- Molded storage case

For Use With:

Freightliner, International, Kenworth, Peterbilt, Mack, Volvo, GMC and Sterling cooling systems



ATD-3306

ATD-3306 Cooling System Refill and Purge Kit

Features:

- Quickly purge and refill entire cooling system
- Eliminates need for bleeding and purging system to eliminate air pockets
- Universal adapter for use on most car and light truck radiators

Kit Includes:

- Vacuum purge and refill tool
- Universal radiator adapter
- Coolant hoses
- Molded storage case
- Instructions

REFRACTOMETER **ATD**

ATD-3705 Coolant Refractometer

Features:

- High-quality refractometer offers a fast, easy way to test the freezing point of coolant/anti-freeze
- Works with Ethylene or Propylene Glycol anti-freeze
- Not for use with OAT coolants or DEF
- Also measures battery acid gravity to determine battery life
- Automatic temperature compensation
- Large, easy-to-read graphics and high-contrast lens
- Adjustable viewfinder; rugged, steel body construction
- Includes storage case, fluid dropper, cleaning cloth and mini screwdriver



Specifications:

Range:

- Ethylene Glycol: -84° F to 32° F
- Propylene Glycol: -60° F to 32° F
- Battery: 1.100–1.400 Specific Gravity

Accuracy:

- Ethylene Glycol: $\pm 5^\circ$ F
- Propylene Glycol: $\pm 5^\circ$ F
- Battery: ± 0.01 Specific Gravity

Minimum Division:

- Ethylene Glycol: 5° F
- Propylene Glycol: 5° F
- Battery: 0.01 Specific Gravity

THERMOMETERS **ATD**

ATD-70000 8:1 Infrared Thermometer

Specifications:

- Measurement Range: -31 to 689° F (-35 to 365° C)
- Operating Range: 32 to 122° F (0 to 50° C)
- Emissivity: 0.95 fixed
- Resolution (9.9 to 199.9° C): 0.5° F/0.2° C
- Response Time (90%): 1 second
- Distance to Spot: 8:1
- Battery Life: Typically 18 hours, minimum 14 hours continuous use
- Battery: (2) AAA batteries included



ATD-70000



ATD-70001

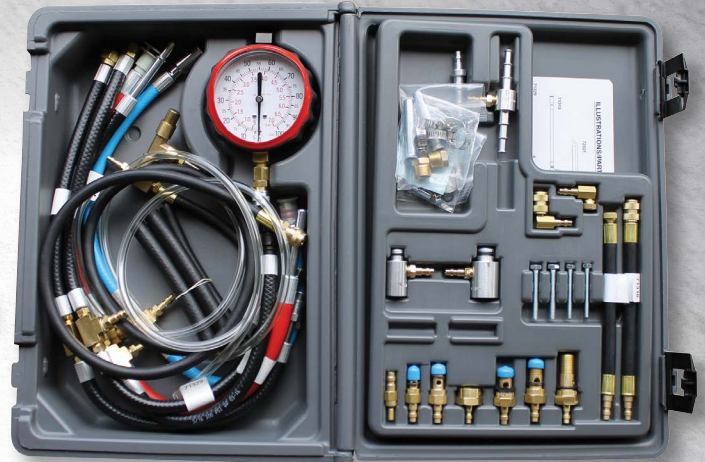
ATD-70001 12:1 Infrared Thermometer

Specifications:

- Measurement Range: -76 to 1022° F (-60 to 550° C)
- Operating Range: 32 to 122° F (0 to 50° C)
- Emissivity: 0.95 default - adjustable 0.1 to 1 step .01
- Resolution (-9.9 to 199.9° C): 0.1° C/0.1° F, otherwise 1° F/1° C
- Response Time (90%): 1 second
- Distance to Spot: 12:1
- Battery Life: Typically 18 hours, minimum 14 hours continuous use
- Battery: (2) AAA batteries included

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ATD-5536
DIGITAL MULTIMETER
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ATD-5650
MASTER GLOBAL FUEL INJECTION
PRESSURE TEST KIT
SEE PAGE 2 FOR MORE INFORMATION

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