

VOLT-AMP TESTER

6, 12, 24, 32 Volt systems. Complete voltage coverage 1/10th volt to 50 volts in 3 separate ranges: 0-10-20-50 volts. Complete current coverage 0-100 amps. Battery, voltage regulator, generator system, starter action, cables and wires, high current, electrical leads and short circuits primary current drain, solenoids, special generator and alternator systems.

Price \$56.10

ALTERNATOR-GENERATOR TESTER

For 6 and 12 Volt Systems
0-18 Volts; 5-0-60 Amps

Here is a compact Volt-Amp tester ideal for every mechanic's tool kit. Makes tests on alternator, generator, regulator, battery, starter, cables, wires and primary coil circuit of any motor on cars, trucks or boats. Has a zero adjuster on the case front to readjust the precision pointer to zero, if necessary. 3 3/4 in. dia. chrome case with handle.

Price \$31.00

REGULATOR TESTER

For 6 and 12 Volt Systems

Accurately calibrated at the critical range for setting voltage regulators. Tester is equipped with reversing switch which makes it unnecessary to change hook-up regardless of which terminal is grounded. Black bakelite case with 3 insulated connecting clips.

Price \$34.65

OHMMETER

Tests Alternator diodes, rectifiers, transistors, resistors, lamp and tube filaments, open circuits, short circuits, spark plug suppressors, gas gauge units, car wiring. LOW ohm scale reads 1/4 to 5000 ohms; HIGH ohm scale 0/500,000 ohms. Supplied with control so meter can be adjusted to zero ohms before tests are made. Small replaceable pencil-lite battery included inside rugged bakelite case. Only 2 3/4" W., 2 1/2" H., by 2 3/4" D. in size.

Price \$34.95

MULTI-PURPOSE TESTER

0-18 Volts, Top Scale
3-0-3 Volts, Lower Scale

Two accurately calibrated scales designed for testing 6 and 12 volt batteries, lights, voltage regulators, generators, alternators, voltage drop, cadmium testing, etc. Rugged 4 1/2 in. dia. chrome case.

Price \$28.50

VOLTMETER

Illuminated

A tester for checking generator capacity at the dash. A permanent installation for checking generator and battery voltage output at the dash on trucks, buses, etc., or can be used as a portable tester for mechanics. Has hooded light for easier dial reading. When intended for use as portable tester it is necessary to use the 2 clips and insulated handle furnished in 4-79 conversion kit.

Price \$55.00

4-79 Conversion kit Price \$ 2.90

VOLT TESTER

FOR BAYONET TYPE SOCKETS

An economical test unit for checking the voltage at the vehicle light sockets on cars, trucks, buses and trailers. Accurately indicates whether there is sufficient current to illuminate a specific bulb to its designed rating. Fitted with two plugs, one for S.C. sockets such as the directional and clearance markers and an indexed D.C. socket for combination tail and stop lights. Recall type cable permits access to remote lamps. Has polarity reversing switch.

Price \$84.00

SPARK PLUG TESTER

A small inexpensive tester with plastic handle. Lights up for visual check. Checks on plugs, coils, condensers and points. Clear plastic handle, 3 ft. wire lead, 6 1/2 in. overall length.

Price \$3.98

4-120 Repl. Bulb Price 69¢

CIRCUIT TESTER

Battery Powered

Inexpensive self powered instrument tests circuits with power off. Can be used on cars, TV, radio, etc., by electricians, mechanics, hobbyists, etc. 3 ft. wire lead, 5 1/4 in. long.

4-109 Price \$3.70

4-121 Repl. Bulb Price 17¢

4-123 Battery Size AAA for those 4-109 using AAA Price 20¢

CIRCUIT TESTER

This handy inexpensive tester operates with the power on. Spot checks 6 or 12 volt systems. Locates shorts, grounds, open circuits. Checks AC or DC wiring up to 20 volts. Clear plastic handle, 3 ft. wire lead, 6 1/2 in. overall length.

4-106 Price \$3.98

4-122 Repl. Bulb Price 17¢

TWIN LEAD KIT

2 color coded, red and black, wire leads with clips. Use for "jumping" any part of the electrical system. 30 ins. long.

4-110 Price \$2.02

COMPACT COMPRESSION TESTER

Fits any make engine—every spark plug location. Graduated dial 0-300 scale. Plug adapter screws into spark plug hole for positive sealing. Detachable "snap-in" gauge holds compression reading until valve is released.

4-90 Price \$11.45

4-91 Chrysler and Chev. 348

Eng. adapter Price \$ 2.75

4-2807 Repl. Screw Price 50¢

4-2808 Repl. Spring Price 15¢

4-2809 Repl. O Ring Price 15¢

4-2810 Repl. Pressure Valve Ball Price 15¢

4-2811 Repl. Coupler Price \$ 1.80

4-2812 Repl. Zerk Fitting Price 32¢

4-2813 Repl. Ball, Zerk Fitting Price 15¢

4-2814 Repl. Gauge only Price \$ 5.40

4-2815 Repl. Lens Price 40¢

4-126 Spark plug adapter Price \$ 2.50

4-127 Replacement spring Price 15¢

4-4815 Repl. O Ring Price 10¢

4-4916 Repl. Housing Price \$ 1.73

COMPRESSION TESTER

Easy to read! Easy to use self holding tester requires no special adapters. Will take over and hold highest compression. Flexible hose between tip & gauge. 2 tips fit all engines. 300 lb. pressure capacity.

4-4360 Price \$18.50

4-4387 14MM Tip Mechanism Price \$ 2.75

4-4388 18MM Tip Mechanism Price \$ 2.75

4-4392 Valve Core Price 20¢

4-4393 Cup Price 20¢

4-4394 Coupling Price 85¢

ALTERNATOR DIODE TESTER

Locates defective diodes in alternators. Checks negative and positive diodes without necessity of isolating or disconnecting them. Tests diodes out of alternator. Diode polarity shown on colorfully calibrated dial. Operates from 110 volt power source. Equipped with lead clip and prod.

4-89 Price \$14.95

COMPRESSION TESTERS

Indicates maximum compression of each cylinder. Large 2 1/2 in. dials. Rubber cone type universal fitting will seat in all spark plug holes without use of adapters. 6 1/2 in. long.

D. Standard Model:

0-300 graduations. Air valve in base of stem holds pressure reading until valve pin is released.

4-50 Price \$6.25

4-56 Straight Extension Price \$2.85

4-57 Rubber Tip Price 20¢

4-50V Valve Core Price 20¢

P. Deluxe Model:

0-300 graduations. Air pressure release valve located on side of gauge stem. Pressure reading is held until valve pin is released.

4-51 Price \$7.20

4-58 Straight Extension Price \$2.85

4-57 Rubber Tip Price 20¢

4-50V Valve Core Price 20¢

COMPRESSION TESTER

The complete tester—fits all makes and models of cars, trucks and buses. 2 1/2 in. unbreakable dial and scale reading to 300 lbs. Chrome plated bezel. Quick change stems are cadmium plated and have universal rubber cone fitting that seats in all spark plug holes. Has pressure tight quick disconnect coupling that permits fitting changes in fraction of the time.

4-70 Price \$16.80

REPLACEMENT PARTS

4-70S 45° stem 8 in. long Price \$2.50

4-70SS Straight stem 7 1/2 in. long Price \$2.50

4-70R Master gauge stem

18 in. rubber hose attached

to 4 in. metal cone end Price \$5.50

4-50V Valve Core Price 20¢

4-129 Quick coupler Price \$2.50

4-130 Gauge & coupler Price \$7.75

4-131 Hose w/fittings Price 85¢

IGNITION SCOPE

Adjustable High Voltage Tester

Will locate bad plugs. Just one clamp and one prod tests coil output and detects shorted and burnt out spark plugs. Indicates defective coil and reverse polarity conditions, with easy-to-follow instructions the distributor cap, rotor shorts and breaks can be checked. Checks in seconds conventional and radio resistant plug wiring for breaks, and locates wire leaks.

4-112 Price \$5.95

VACUUM AND FUEL PUMP TESTER

Large dial indicates 30 in. vacuum and 7 lbs. pressure. Extremely useful instrument for diagnosing various engine troubles such as idle adjustment, leaky valves, clogged muffler, valve timing, fuel pump vacuum and pressure, cylinder balance, gas line leakage, etc. Gauge has easy to read graduations and is equipped with 4 ft. of high quality rubber hose with taper vacuum fitting and all other necessary fittings.

4-52 Price \$5.80

SPARK TAP

External Contact Extension Wire

Makes a fast spark hook up on all plug type motor analyzing units, timing lights, tachometers, or electrical testers. 14 in. long it makes easy connections to plug lead wires at either distributor or plug terminals.

4-113 Price 95¢

VACUUM TESTER

A high quality test instrument with clear color coded dial. Gives fast positive check of all vacuum operated units, such as distributor vacuum advance chamber modulator controls, air conditioner and heater controls, door locks, power brake reserve tank, etc. Will help pinpoint ignition and carburetion troubles.

4-4386 Price \$13.80

4-2892 Vacuum Gauge Price \$ 3.05

4-2893 Hose Price 35¢

4-2894 Check Valve Price 30¢

4-2895 Screw Plug & Washer Kit Price 40¢

4-4390 Adapter Kit Price \$ 2.70

4-4391 Adapter used for converting old 4-4385 to 4-4386 Price 95¢

PORTABLE TACHOMETER

Measure Shaft Speeds

Instantly—Accurately

An easy to read instrument used for measuring rotary speeds from 100 to 4,000 RPM. Measures speeds clockwise or counter clockwise. Just press tachometer tip against the shaft and read RPM on face dial.

4-4710 Price \$15.95

4-4711 Shaft Price \$ 5.00

4-4712 Cup Tip Price 55¢

4-4713 Cone Tip Price 55¢