

Quality tools designed for modern mechanics
... engineered for speed, accuracy, reliability

USE WITH SAFETY — WORK WITH CONFIDENCE

TEST INSTRUMENTS

A. AUTOMOTIVE TACHOMETER

A high quality test instrument with jewel movement. Operates on 6 or 12 volt system. Direct reading for 6 or 8 cylinder engines (also checks 4 cyl.). Ranges 0-5000 on high scale and 0-1000 on low scale. Use to check engine RPM when adjusting transmission or carburetion.

4-47Price \$44.50
4-68L Lens onlyPrice 85¢

B. HIGH TENSION TACHOMETER

A high quality test instrument with jewel movement. Operates from spark plug voltage making test independent of system voltage or number of cylinders. Gives direct reading on engines ranging 0-8000 on the high scale and 0-800 on the low scale. Works on battery, magneto and transistorized systems. Self-powered unit permits usage on outboards, inboards, aircraft, tractors, industrial engines and cars.

4-108Price \$57.50
4-68L Lens onlyPrice 85¢

C. STARTING CIRCUIT TESTER

This high quality instrument runs four tests on the starting circuit in 6 or 12 volt systems:

Battery—Determines its ability to do the job under actual starting conditions.

Starter—Determines need for starter service or replacement.

Cables and Solenoid—Components generally overlooked in most tests.

Ground Connections—Another factor generally overlooked.

4-73Price \$47.50

D. DWELL-TACH TESTER

A high quality, self-powered test instrument with jewel movement. Operates on 6 or 12 volt systems automatically. Tachometer reads R.P.M. without prior setting. Scales are 0-5000 and 0-1000. Use Tach to adjust engine speed, automatic transmission, carburetor balance.

Dwell Meter gives direct reading on cam angle. Checks 4, 6, 8 cyl. engines.

Use to test point adjustment and behavior, excessive point resistance.

4-94Price \$57.50
4-68L Lens onlyPrice 85¢
4-2819 Adapter for Transistorized IgnitionsPrice \$ 4.85

E. POINT DWELL TESTER

A high quality test instrument checks dwell and point resistance with flick of switch. Accurate on 4, 6 & 8 cylinder engines and adjusts auto-

matically to 6 or 12 volt systems. No batteries therefore does not need to be calibrated before each use.

4-4361Price \$39.50
4-68L Lens onlyPrice 85¢

F. VACUUM AND FUEL PUMP TESTER

A high quality test instrument with jewel movement. Checks fuel pump pressure on 0-15 lb. scale. Checks fuel pump capacity, meter shows 0-3 pints per minute flow. Vacuum gauge registers 0-30 inches.

4-93Price \$24.50

G. AUTOMOTIVE IGNITION TESTER

A high quality test instrument with jewel movement, operates on 6 or 12 volt systems automatically. Checks Ignition system while engine is running without need of specifications. Checks coil, condenser, reversed polarity, secondary circuit connections, radio suppressors, resistance in Ignition primary circuit and spark plug wire leakage. Thumb switch permits either high tension voltage test or millilamp test. Furnished complete with adapters, jumper wire and high voltage pliers.

4-71Price \$47.50

PARTS FOR 4-71

4-68L Lens onlyPrice 85¢
4-71T "T" AdapterPrice \$1.15
4-71A Starting AdapterPrice \$2.05
4-71P Ignition PliersPrice \$1.45
4-71L Jumper WirePrice 75¢

H. GENERATOR-REGULATOR TESTER

Volt-Ammeter Tester

A high quality test instrument with jewel movement. Operates on 6 or 12 volt systems automatically. Tests generator output, voltage regulator setting, current regulator setting plus normal volt-ammeter tests. Two thumb switches permit easy and quick tester settings; one selects polarity, the other selects the desired test. Not necessary to remove regulator cover or turn on lights and accessories to make tests. Has amp scale 0-60 in 1 amp divisions and voltage scale in 2/10th volt divisions.

4-89 Automotive testerPrice \$47.50
4-68L LensPrice 85¢
4-71L Jumper wirePrice 75¢

I. ALTERNATOR TESTER

A high quality, self-powered test instrument with jewel movement. Four connections make

all tests—no changing of leads necessary. Furnished with 4-2800 adapter permitting testing of all self-rectifying alternator systems. Checks amp, output, high voltage setting and low voltage setting. Simple push button operation cycles the system.

4-98Price \$59.50

PARTS FOR 4-98

4-68L Lens onlyPrice 85¢
4-2800 Universal AdapterPrice \$3.50
4-2801 Plug-in Adapter for Delco-Romney Regulator w/connector plugPrice \$3.50
4-2816 Adapter for Motorola regulator with round terminalsPrice \$2.75
4-2817 Adapter for Ford ProductsPrice \$4.85
4-2818 Adapter for Motorola regulator with flat terminalsPrice \$3.00

J. ALT-GEN-REG TESTER

Thrif-T-Test

An economical combination alternator, generator and regulator tester. Two lead connection. All tests made without changing leads. Polarity-Reversing switch allows same hook up on negative or positive ground. Checks 6 or 12 volt systems directly. Volt Range 0-18; Amp. Range 0-80.

4-4701Price \$48.50

K. IGNITION TESTER

Thrif-T-Test

An economical instrument that tests the entire ignition system. "GOOD-BAD" scale reveals most troubles immediately. One switch for all Volt-Amp readings. Will test dead engines also.

4-4703Price \$37.00

L. DWELL-TACH TESTER

Thrif-T-Test

An economical combination Dwell Meter and Tachometer. No batteries or relays—nothing to wear out. Never needs recalibration. One connection makes all tests. Works on 4, 6 or 8 cyl. engines and 6 or 12 Volt electrical systems.

4-4700Price \$48.50

M. OHMMETER

Thrif-T-Test

An economical tester designed and calibrated for automotive use. Checks diodes, brushes, stators and rotors or generators and alternators. Also will check wire, plugs, coil secondary windings, light bulbs, fuses, small motors, etc. Operates on 6 or 12 Volt systems. Uses 4-3714 battery.

4-4702Price \$32.50