

Reliable, Accurate Diagnostic Equipment Is Essential!

Engines, transmissions, air conditioning...even brakes, suspension and steering are electronic in vehicles today. They all incorporate some level of computer control that requires testing.

Refer to ATEC's Website for updated Schaffer Products

Specifications and descriptions on products in this catalog may change without notice.

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AUTO DIAGNOSTIC TEST EQUIPMENT

SOLENOID AND PRESSURE SWITCH TEST KITS

Smartester II SOLENOID TESTER SS-ST

By Schaffer Test Products

Delivers regulated voltage for standard on/off and shift solenoids, and provides a variable voltage for in car testing of domestic EPC solenoids. Also tests the on and off points of any type of pressure switch: oil pressure, A/C and transmission. (Not recommended for pulse solenoids) (Includes PN# SS-NZ Special Test Nozzle)



The perfect choice for testing the most common solenoids and pressure switches...at a price you can afford!

Accessories and Adapters

SS-N

Standard Pointed Nozzle

SS-NZ

Special Test Nozzle

SS-STL

Solenoid Tester Leads w/duckbill clips

SS-STLK

Solenoid Tester Leads w/duckbill clips and 6 jumpers



SS-MST-K

3-IN-1 Solenoid Test Kit

By Schaffer Test Products

Check Solenoids IN or OUT of Vehicle!

- * Duplicates Vehicle Computer Control By Varying Duty Cycle
- * Quick Set-Up Of Components Using Couplers
- * 12 Volt Operation For Worldwide Usage
- * Easier Comparison With Voltage Instead Of AMPs w/ Included Meter
- * Test Modulated Solenoids Through Their Entire Working Parameters

Optional Manifolds & Accessories can be ordered individually

Contact Your Local Distributor or Mobile Tool Truck Dealer



PH: 1-800-531-5978 24 Hr. FAX 210-225-2114
 www.atec-trans-tool.com

AUTOMOTIVE DIAGNOSTIC EQUIPMENT

TRANSMISSION TESTERS

Schaffer® Shifter

By Schaffer Test Products

A Manual Controller For Testing Computer-Shifted Transmissions

Includes the majority of US and Asian transmissions including GM, Ford, Chrysler, Toyota, Honda, Mitsubishi and some Mazdas. For more detailed information call ATEC and request a separate Schaffer Product Catalog.



SS-SESS

STANDARD KIT

SS-SESS-HD

HEAVY DUTY KIT

With Built In Cooling Fan & Variable PSI Control

Kit Includes: (or purchase individually)

SS-SS Standard Shifter (included in Standard Kit)
SS-SS-HD Heavy Duty Shifter (included in HD Kit)
SS-4L80E adapter-(4L80-E) '91-'92 w/o updated case connector
SS-AODE adapter-(AOD-E)(4R70W) '92-'96 & some '97-'98 w/ 9 wire vehicle connector
SS-4T60E adapter-GM (4T60-E) round 7-way connector
SS-AXODE adapter-Ford (AXOD-E-2) connectors '91-'92
SS-4EAT adapter-Ford, Import, (4EAT)- 6 way connector 2-pan units '92-'96
SS-E40D adapter-Ford-(E40D) 12 way oval connector '89-'94

SS-A604 adapter-(604) requires Shifter update for '99 style retrofit solenoid packs
SS-F Asian Import-harness w/ indivi. probes for external lead units & monitoring
SS-4L60E adapter-(700-R4-E) '93-'94-update w/ (4L60-EU) information & operations book
SS-MEH 8' main extension harness
SS-PC 8' cigar lighter power cord
SS-PCA power cord battery adapter
SS-SC padded storage case for kit
SS-SSV instruction video (45 min)

SS-95U

'95 UPDATE KIT Includes: (or purchase individually)

SS-42LE adapter-Chrysler (42LE) (606) transaxle-[for in-vehicle access use SS-42LE-V]
SS-4T80E adapter-(4T80-E) early 2-connector '93
SS-A4LD adapter-(A4LD) 2 & 3 wire for TCC & 3/4
SS-F4EAT adapter-(F4EAT) black 6-way connector single pan units under 2.0L '91-on
SS-G4EAT adapter-late (4EAT) black 10 way w/ EPC solenoid, 2.0 & 2.5L '93-on
SS-L4L80E adapter-late (4L80-E) & updated earlier, case, connectors '93-on
SS-L4T60E adapter-(4T60-E) same connector but wiring changed '94-'98
SS-L4T80E adapter-late (4T80-E) '94-on
SS-LAXODE adapter-late (AXOD-E) (AX4S) single connector '93-'96
SS-LE40D adapter-late Ford (E40D) connector '95-'99
SS-N4AEL adapter-Mazda 929 N4AEL & 4R100, round
SS-LN4AEL adapter-Mazda RX7 N4AEL, square
SS-AC adapter storage case
SS-MANUAL Information & operating book

SS-97U

'97 UPDATE KIT Includes: (or purchase individually)

SS-42RE adapter-Chrysler(42RE)(44RE)(46RE)(47RE) w/ negative polarity module (8 pin con.)
SS-4F20E adapter-Ford (4F20-E) Villager & Mazda (RE4F04A/V)
SS-4L30E adapter-GM-Isuzu (4L30-E)(180-C overdrive) BMW modes use #R1
SS-4R44E adapter-Ford (4R44/55E)(A4LD-E)(5R55E) w / PT# SS-CS update
SS-4R70W adapter-Ford (4R70W) (AOD-E) w/7-wire vehicle connector (trucks-'97-on)(cars-mixed years) (requires #SS-NPM for EPC control)
SS-4T40E adapter-GM (4T40-E) '94-on (4T65E)(4L60-E)
SS-A500/A518 adapter-Chrysler (500/518) 2 connectors (2 & 3 pin)
SS-AX4N adapter-Ford (AX4N) transaxle w/o external overdrive servo
SS-CD4E adapter-Ford-Mazda (CD4E) '94-on
SS-KM adapter-KM175 round connector
SS-KML KM175.5 & later square connector
SS-AC adapter storage case
SS-MANUAL Information & operating book

Additional Adapters, Shifter Accessories and Repair Parts Sold Individually

Other Schaffer Testing Products

SS-BPK

BACKPROBE LEADS
 2 leads & 4 probes.
 Eliminates the problem of backprobing connectors that are weather sealed.



SS-SJ

SAFE JUMP
 Test lead w/1.5 AMP limiter. Test low resistance solenoids and circuits without the risk of burn out.



SS-DC

DUCKBILL CLIP

SS-HS

HEAT SHRINK DUCKBILL CLIP

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AUTOMOTIVE DIAGNOSTIC EQUIPMENT

ELECTRICAL & MISC TESTERS

AUTO DIAGNOSTIC TEST EQUIPMENT



SS-DMM2

DMM-2 Digital Multimeter

By Schaffer Test Products

More Features Than Any Other Meter!

- * Fully Autoranging & manual ranging
- * Reads volts, amps, ohms.
- * Diode test and Continuity check
- * Reads frequency & capacitance
- * Built in temperature test (temp probes included)
- * Minimum / maximum reading recording
- * Select relative readings for low resistance measuring
- * Memo and hold functions
- * Digital display and bargraph readout to watch varying signals easily.

Includes selection of probes and clips for easy connection and operation.

SS-TL

DMM TEST LEADS

4 ft w/ insulation piercing clips

SS-DMM-A

DMM ATTACHMENT

To clamp over a wire to read AMP flow

Scales

Volts DC
Volts AC
Amps DC
Ohms

Frequency
Capacitance
Temperature

Ranges

400 mV to 1000 V	100 Hz to 1000 kHz
4 V to 750 V	4 nF to 40 mF
4mA to 10 A	-20 C to 1370 C or
400 W to 40 MW	0 F to 2000 F

DMM PATCH CORDS

SS-B36R 3 ft Red	SS-B48R 4 ft Red
SS-B36B 3 ft Black	SS-B48B 4 ft Black



SS-LA

LONG ARM 19" REACH

By Schaffer Test Products

Universal Breakout Box and Logic Probe. Connect up to 4 circuits at once & switch between them.

FEATURES: piercing probes, TC-2 Bed of Nails, alligator clips, 2 colored patch cords, ground lead & case.

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