

# TRADE PRESS REPORT



**I**n the world of automotive service tools and equipment, change is happening at a rapid pace. Companies are continually developing new tool and equipment service solutions to help technicians repair today's vehicles faster and better. And ETI member companies are at the forefront of this change.

This 2000 annual ETI Trade Press Report is devoted to a showcase of new products from ETI member companies. Products are divided into different sections, one for each ETI vertical group.

As you plan your tool and equipment purchases in the coming year, we think you'll find a place in your shop for many of the products from these forward-thinking companies.

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# EQUIPMENT AND TOOL INSTITUTE

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815-943-3810

November, 2000

TO: Motor Magazine Readers

SUBJECT: Creating World Class Automotive Service Tools and Equipment

The Equipment and Tool Institute (ETI) is an industry association of leading automotive service tools and equipment suppliers. ETI's primary mission is to help its members obtain technical information used to design and manufacture world class automotive service tools and equipment. ETI sponsors two events that facilitate the exchange of technical information between vehicle manufacturers and ETI members. The first one, Detroit Tech Week, enables ETI members to get advanced information on new vehicles from Detroit-based manufacturers. Japan Tech Week gives ETI members the same opportunity to learn about new vehicles from Japanese manufacturers. Advance information on new systems and materials helps ETI members develop tools and equipment that service the widest possible range of vehicles on the road. That adds up to more value for your equipment purchase dollars.

ETI Vertical Groups give companies that make similar equipment the chance to work on common problems, challenges and opportunities.

- **Underhood Technology Group (UTG)** keeps members up-to-date on all engine performance and emissions-related issues. The Inspection and Maintenance subcommittee tracks the status of state emissions inspection programs. The On-Board Diagnostics & Protocol Interface Review subcommittee reviews OBD-related data for completeness and accuracy and indexes the data for ETI's Tek-Net Library.

- **Collision Repair Group (CRG)** tracks new technologies and materials that affect the repair techniques used by collision shops.

- **Under Car Group (UCG)** is dedicated to the development of equipment that enables repair and service outlets to restore the ride quality of their customers' vehicles. UCG works on all brake-, steering- and suspension-related issues.

- **Shop Management and Information Software Group (SMG)** addresses compatibility and connectivity issues for all computerized shop equipment and shop management systems.

ETI is proud of its behind-the-scenes work to improve the quality, performance and reliability of automotive service tools and equipment. Take a few minutes to review the latest product offerings from ETI members in the ETI Product Showcase, which starts on page 54. The companies that make these products are dedicated to providing you with the finest automotive service tools and equipment in the world.

Sincerely,

*Richard B. Laimbeer*

Richard B. Laimbeer  
President



One organization — the Equipment and Tool Institute (ETI) — has demonstrated its commitment to helping you keep up with changing service technology for more than half a century. Now in its 53rd year of service to the industry, ETI remains in step with your needs, automotive technology and your rapidly changing service challenges.

The Institute and its member companies focus on developing service solutions before they become your service problems. ETI member companies are dedicated to serving you — to advance the productivity, profitability and

growth of the automotive service industry by ensuring that the nation's service bays are the best equipped and its technicians the most highly trained and thoroughly informed in the world.

The core of ETI's service commitment is its technical activities, driven by four vertical groups or "Super Committees" with specially channeled interests. Those Vertical Groups — and the ETI member companies affiliated with each Group — are listed below. When you need service tools and equipment or service information, call one of these ETI member companies.



#### UNDERHOOD TECHNOLOGY GROUP

Actia, Inc.  
Alldata Corporation  
Auto XRay, Incorporated  
Autodata Limited  
Blue Streak Electronics  
Robert Bosch Corporation  
Car Code  
Cosworth Pioneering  
Dataliner  
EASE Simulation, Inc.  
EnGenius, Inc.  
Ethyl Corporation  
Ferret Instruments, Inc.  
Hermann Electronic Gmbh  
Hypertech, Inc.  
iCARumba  
Injectoclean S.A.  
Innova Electronics Corporation  
Interro Systems  
K-Line Industries, Inc.  
Kal Equip  
Kent-Moore/SPX Corporation  
Matco Tools  
McCarney Technologies, Inc.  
Micro Processor Systems, Inc.  
Midtrons  
Mustang Dynamometer  
NP/Chilton  
Networkcar Inc.  
Omitec Instrumentation Limited  
OTC/SPX Corporation  
Programma Tools, Inc.  
QwikLink Diagnostics  
RTI Technologies, Inc.  
Sensors, Inc.  
Shenzhen SDG-Tellus Auto Service  
Snap-on Diagnostics  
Vetronix Corporation

#### I & M SUBCOMMITTEE

Alldata Corporation  
Auto XRay, Incorporated  
Robert Bosch Corporation  
Car Code  
Cosworth Technology Inc.  
Hermann Electronic Gmbh  
iCARumba  
Innova Electronics Corporation  
Interro Systems  
Kal Equip  
Kent-Moore/SPX Corporation  
Micro Processor Systems, Inc.  
Mustang Dynamometer  
NP/Chilton  
OTC/SPX Corporation  
QwikLink Diagnostics  
Sensors, Inc.  
Snap-on Diagnostics  
Vetronix Corporation

#### UNDER CAR GROUP

Accu Industries, Inc.  
America Kowa Seiki, Inc.  
Autodata Limited  
Car Code  
Hennessy Industries, Inc.  
Hunter Engineering Company  
iCARumba  
Ingersoll-Rand Co.  
Maha Maschinenbau Haldenwang  
OTC/SPX Corporation  
Pro-Cut International, Inc.  
RTI Technologies, Inc.  
Shenzhen SDG-Tellus Auto Service  
Snap-on Diagnostics  
Specialty Products Company

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Automotive Technical Resources, Inc.  
Blue Streak Electronics  
Robert Bosch Corporation  
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EASE Simulation, Inc.  
EnGenius, Inc.  
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NP/Chilton  
Networkcar Inc.  
OTC/SPX Corporation  
Programma Tools, Inc.  
QwikLink Diagnostics  
Snap-on Diagnostics  
Vetronix Corporation

#### COLLISION REPAIR GROUP

Car-O-Liner  
Celette, Inc.  
Chief Automotive Systems, Inc.  
Dataliner  
Hein-Werner Corporation  
I-Car  
Mitchell International  
ProSpot International, Inc.  
Shenzhen SDG-Tellus Auto Service  
Team Blowtherm

#### SHOP MANAGEMENT AND INFORMATION SOFTWARE GROUP

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Automotive Technical Resources, Inc.  
Car Code  
Hunter Engineering Company  
iCARumba  
Ingersoll-Rand Co.  
Interro Systems  
Kent-Moore/SPX  
Micro Processor Systems, Inc.  
Motor Information Systems  
NP/Chilton  
OTC/SPX Corporation  
Shenzhen SDG-Tellus Auto Service  
Vetronix Corporation

#### OTHER MEMBER COMPANIES

Aspire, Inc.  
B&B Electronics Mfg.  
Benwil Global  
Christie Automotive Products  
Dealer Equipment and Services/SPX Corporation  
Garomat USA  
OnTool  
Rotary Lift  
Shure Manufacturing Corporation  
SPX Corporation



For more information, contact the Equipment and Tool Institute:  
919-406-8844, Fax: 919-406-1306 or visit our website at [www.etoools.org](http://www.etoools.org)





# PRODUCT SHOWCASE

## Underhood Technology Group (UTG)

### Single-Brand PC-Based Scanner

If you service fleets of all GM, all Ford or all Chrysler cars and light trucks,



AutoTap can turn your PC into a full-featured diagnostic scanner for just \$290. Each unit has the enhanced factory diagnostic readouts for all 1996 and later cars and light trucks from each respective manufacturer.

Your desktop or laptop computer gives you a big screen display of digital or gauge-style readouts and enough memory to record several hours of data for playback and review. AutoTap turns off MILs and clears DTCs. Each AutoTap comes complete with a converter module and software. **B&B Electronics**

Circle #180

### Chassis Diagnostic Software Cartridge

The new Model BXBD33001 Chassis software cartridge is now available for



the company's BDM and BDM Pro scan tools. Coverage includes GM and Ford up to and including the 1999 model year for the following systems: ABS, traction control, variable steering and chassis control, among others.

Chassis information is provided on flash reprogrammable cartridges, allowing the user to exchange cartridges for more affordable annual updates. Chrysler ABS diagnostic software will be added with future Chassis updates. **Blue Streak Electronics**

Circle #181

### Wireless Diagnostic Interface System

The Wireless Vehicle Interface (WVI) is an EASE scan tool vehicle



interface set that eliminates the need for cables between the vehicle under test and the PC running EASE diagnostic software. Vehicles up to several hundred feet away can be scanned. Using WVI units, one computer can test up to 16 vehicles in succession. The 900-MHz wireless interface has a 200-foot indoor range and a 500-foot line-of-sight range and works with all EASE diagnostic software.

The WVI works on all OBD II-compliant vehicles and currently supports OBD II generic and GM, Ford, Chrysler and Toyota enhanced data in wireless or cabled mode. The WVI is suitable for high-volume shops that

need to move customers through quickly. One trained technician can perform diagnostic tests, while others work directly on the vehicle, reducing testing costs. **EASE Diagnostics**

Circle #182

### New Laptop Engine Analyzer

The Model F-55 EngineLink laptop engine analyzer boasts exclusive Au-



toSort leads and smart diagnostics for hassle-free troubleshooting. AutoSort leads take the guesswork out of DIS hookup by automatically determining polarity; just clip on the leads and the AutoSort feature determines the rest—even firing order. Smart diagnostics display messages take the technician right to the problem with simple English prompts like "Check spark plug #3." The EngineLink works on any distributor or DIS engine without the need to know vehicle-specific make or model data.

The analyzer's AutoTest feature gives a quick engine performance profile in seconds at the touch of a button. The EngineLink troubleshoots a full range of ignition, starting/charging and fuel delivery problems by testing injectors, sensors, drivers and other electrical components. The ergonomically designed keypad serves both left-handed and right-handed technicians. **Ferret Instruments**

Circle #183



### OBD II System Tester

The KM9615 OBD II System Tester is an economical tool for performing generic OBD II system diagnostics on all OBD II-compliant vehicles—domestic, Asian and European models—supporting H B C C , DLCP and ISO communications protocols.

Features include a large LCD screen capable of displaying four lines x 20 characters of data, an easy-to-use six-button keypad and a heavy-duty J1962 diagnostic cable. Technicians can access online help, read and erase generic codes, view live and freeze frame data and display and customize charts. Other functions include trouble code definitions, O<sub>2</sub> monitor test, continuous and noncontinuous tests and on-board systems control. **Kal Equip**

Circle #184

### Lab Scope Module

The CJMax is a two-channel automotive oscilloscope module for use with the company's Personal Digital Assistant (PDA). It saves and recalls wave forms quickly via the touch-screen display. Select a component to test and the scope will configure itself automatically. The unit features cursors for accurate waveform analysis and a USB serial port. An optional OBD II module will be offered in the future. **Injectoclean**

Circle #185



### A/C Refrigerant Service Center

The ACR2000 is a complete air conditioning service center for R-134a refrigerant. It recovers, recycles, evacuates and recharges refrigerant systems quickly, accurately and automatically. The entire process can be done with only two connections to the vehicle.

Innovations include a built-in refrigerant identifier to protect against contamination and a printer for shop records, customer verification and GM warranty authorization codes. The unit also features a maintenance-free oilless vacuum pump. **Kent-Moore Div., SPX**

Circle #186

### Unique Thru-Bolt Air Ratchet

Profile Plus 3/8" Air Ratchet provides numerous benefits to the technician,



including a thru-hole bolt clearance that reduces the need for deep sockets. The ratchet and socket assembly is 30% smaller than conventional types, resulting in greater access to tight work areas.

The tool delivers 60 ft-lb of maximum torque for easier and quicker removal of fasteners. The fingertip throttle provides precise speed control and a quick socket release button makes changing sockets a snap. **Matco Tools**

Circle #187

### Updated OBD II Software

Updated software is now available for

the existing GFC automotive cartridge used with the MPSI Pro-Link



Plus. The update includes coverage for all domestic and imported OBD II-compliant vehicles. In addition to generic OBD coverage, the GFC cartridge offers

extended coverage for 1998-99 GM, Ford and Chrysler products, including enhanced ABS and transmission system diagnostics.

The GFC cartridge also provides diagnostic information for light-duty truck diesel applications, making it especially suitable for a mixed-fleet maintenance facility. The cartridge also provides an interface to the company's award-winning SpectraGas portable five-gas analyzer. **MPSI**

Circle #188

### Engine Sludge Removal System

The Model 83000 Engine Oil Service Solution removes the varnish, carbon

and sludge deposits regular oil changes leave behind. The machine dissolves the molecular bond between contaminants and internal engine parts

thanks to a special chemical added to the oil while the engine is running. Pressure forces the cleaner into every oil passage and return gallery. Positive suction action then circulates the oil, removing loosened solids without clogging the oil pickup screen or damaging seals.

The self-contained process takes

continued on page 56





about a half-hour. A powered discharge function transfers waste oil to a storage container quickly and cleanly. You can then dispose of it following standard waste oil procedures. No electrical connection is needed; power is supplied by standard shop air.

With the machine's built-in gauges, you can check the integrity of the engine bearings. You can also check engine oil pressure and the condition of the oil pump to determine if any problems exist. **Robinair Div., SPX**

Circle #189

### Electrical System Diagnostic Tester

The new Model EECS304A MicroVAT tester provides battery and



starter test results within 5 seconds. A complete system check, which includes battery, starter and alternator testing, typically can be performed in under a minute. The tool is also capable of testing discharged batteries down to 1 volt, eliminating the time-consuming charge-before-test requirement.

Other features include a fan-cooled 50-amp load for accurate alternator testing under loaded conditions, digital multimeter mode, as well as comprehensive data display for battery volts, available amps, impedance rating, starter draw, starting voltage, charging amps, battery diagnosis and alternator and diode diagnosis. **Snap-on Diagnostics**

Circle #190

### A/C Refrigerant Recovery Unit

The 1055XL "catch all" refrigerant recovery unit is a versatile machine with many applications. With an extremely fast liquid recovery mode of 3.5

pounds per minute, this machine will make short work of any size system.



Protect yourself in today's confusing a/c market with its growing number of contaminated systems. Instead of illegally mixing refrigerants and voiding out the warranties of both your a/c recovery machine and the vehicle's compressor, you can recover the blended refrigerants with the 1055XL. Truly portable at 32 pounds, this unit goes wherever you need it. **White Industries**

Circle #191

### Universal PC-Based OBD II Diagnostic Scanner

Model AT123 AutoTap Pro displays generic and enhanced trouble codes



for all 1996 and later OBD II GM, Ford and Chrysler domestic passenger cars and light trucks. The unit turns off MILs, clears DTCs and doesn't require the operator to be a computer expert.

The device can show up to eight large gauge-style or digital readouts on the PC screen and can log up to several hours of parameters in the PC's memory. The unit comes complete with converter module, cables and software. **B&B Electronics**

Circle #192

### Multifunction Diagnostic Platform

The Genisys is a multidimensional diagnostic tool that currently performs state-of-the-art scanning. In the future, add-on modules will offer lab scope, gas analyzer, PCM re-flashing and graphing meter functions. The unit offers a full-color screen, "scroll and click" navigation and "zoom" graphics features. **OTC Div., SPX**



Circle #193

### GM Windows-Based Service Programming System

The Service Programming System is the only system on the market that



does not require the use of a scan tool to flash General Motors OBD I and OBD II vehicle control modules. It allows the use of any IBM-compatible PC, without the expense of purchasing a special computer system. No hardware setup or configuration is required. **EASE Diagnostics**

Circle #194

### 5-Gas Emissions Analyzer

The AG420 portable analyzer features BAR 97 accuracy and less than







one-minute warmup time. It allows technicians to analyze all five gases, including NO<sub>x</sub>, using the road to apply the proper load.

The analyzer displays information independently on its built-in liquid-crystal display, on a PC monitor or on the manufacturer's Personal Digital Assistant (PDA). Graphic or numerical display of gas concentrations can be selected, and the unit can be operated on battery voltage or 110-volt AC power. **Injectoclean**

Circle #195

### DIS Ignition Module & kV Tester

The KM2993 kV/DIS/Coil Tester digitally displays real-time kV measurements, has an LED for good/bad status, displays rpm during a module test and contains eight memory locations for kV tests. You can scroll easily through readings, simulate most DIS/computer signals and test a DIS system under a wide range of rpm settings.



The unit works on most ignition systems and can be powered by an internal 9-

volt battery or vehicle power. It includes a three-digit LED display, red and black hippo clips, a 15-pin "D" connector, DIS module pin adapters and a detailed instruction manual. **Kal Equip**

Circle #196

### Low-Profile Sockets & Ratchets

Profile Plus sockets and ratchets feature a low-profile design that allows them to fit into tight work areas. The



sockets have 36 teeth to improve a technician's swing area. The finish is black oxide, with a red ring for SAE sizes and a blue ring for metric sizes.

The ratchets feature a thru-bolt design to go over long studs. An adapter is included for use with conventional sockets. **Matco Tools**

Circle #197

### Automatic A/C Service System

The Cool-Tech 134a A/C Service System (Model 342000) automates a/c service from start to finish. Using temperature probes and service hoses, it gives technicians a snapshot of the system's operation. You can print the information, too. It verifies the refrigerant type, then recovers, recycles, evacuates and recharges. It even drains system oil

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once the job is finished.

Automatic operation guarantees service consistency from job to job and technician to technician, says the manufacturer. Pushing just a single button starts the recovery, evacuation and recycling processes.



**Robinair Div., SPX**

Circle #198

### Electronic A/C Leak Detector

The Model 16600 Electronic Leak Detector uses proven corona dis-



charge technology to find leaks fast. Features include one-hand operation—the 16-inch gooseneck probe holds its position—plus audible and visual leak indicators that increase in frequency as the tip gets nearer to a high concentration of refrigerant. A volume control lets you adjust the audible signal to the volume that's right for the background noise in the shop or at the job site. **Robinair Div., SPX**

Circle #199

### Digital Refrigerant-Handling System

The advanced features of the Model RHS780 Digital A/C Refrigerant Handling System permit speedy, accurate and reliable automated a/c service. Features include a heavy-duty compressor with true single-pass technology, a large fan-cooled condenser, two-stage deep-vacuum pump for rapid evacuation, advanced

microprocessor control, pressure detection and single-pass auto air purge.



**RTI Technologies**

Circle #200

Additional features include an internal weight scale, a permanently mounted cylinder, easy-to-understand digital readouts, a solenoid-controlled gauge manifold and pressure pro-

### Direct Ignition/Coil-On-Plug Adapter Set

The new EEIG100A Direct Ignition/Coil-on-Plug Adapter Set pro-



vides for quick diagnosis of secondary ignition systems found on many late-model vehicles. It's designed to connect nonintrusively for use with Snap-on oscilloscopes. Results typically can be displayed in 5 minutes or less to eliminate the secondary ignition system as a possible cause of the problem. **Snap-on Diagnostics**

Circle #201

### Portable Engine Starter

The hand-held EECS305A Lightning Engine Starter is a compact, lightweight 12-volt DC power source capable of starting vehicles with drained or discharged batteries. New low-impedance, advanced lead-acid battery technology reportedly makes

the unit the optimal product for emergency starting in passenger car



and light truck applications. **Snap-on Diagnostics**

Circle #202

### Value-Rated Battery Chargers

Battery chargers in the value-oriented White Lightning line are engi-



neered to exceed the heavy demands of the automotive repair market with such features as outdoor-rated 4-gauge tangle-free cables, 500-amp clamps and a welded and dipped transformer for extended service life. The system also uses a patented multi-diode rectifier for additional reliability. All chargers in the line carry a five-year warranty. **White Industries**

Circle #203

## Under Car Group (UCG)

### New Wheel Bearing Removal Tool

The No. 6490 HubTamer can cut 50% off the time it takes to replace front wheel bearings, according to the manufacturer. The set includes everything needed to remove the vehicle's hub and to remove the old bearings and install new ones.

The entire job can be done without removing the knuckle assembly,

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which eliminates unnecessary front-end alignments. The HubTamer's



press is designed for use with an impact wrench to speed up the procedure.

Included in the set are bearing removal and installation adapters, a bearing race and tie-rod remover and tooling for use on most domestic and imported vehicles. **OTC Div., SPX**

Circle #204

### Brake Rotor Measuring System

Discus Rotor Measuring System is a patented device that measures rotor



thickness and runout, then compares them to manufacturers' specifications. The system consists of two pieces—a hand-held computer/printer and

a remote measuring tool. The two pieces communicate with each other via infrared signal.

The remote measuring tool straddles the rotor and transmits information to the computer unit, where it's compared to known vehicle specifications. A summary can then be printed out with the push of a button. **Pro-Cut International**

Circle #205

### Laser Wheel Alignment System

The Laser 4 Wheel Alignment System provides complete instrumentation to do fast and accurate four-wheel alignments on cars and light

trucks. Laser beams precisely measure front and rear toe, while a digital



gauge with advanced gravity sensors measures caster, camber and SAI. The system is fast, easy to use and af-

fordable, requiring no expensive software updates. An optional Smart Laser Module allows you to record before & after measurements and print the results. New adapters available for the first time in 2000 allow the system to be used for heavy-duty trucks. **RTI Technologies**

Circle #206

### Transaxle Repair Kit

This transaxle repair tool kit (Model 8659) contains all the tools necessary



to repair the 42LE automatic transmission found on such Chrysler vehicles as the Concorde, 300M, LHS and Intrepid. The kit contains 39 tools designed specifically to properly service and repair these transaxles. **Miller Special Tools Div., SPX**

Circle #207

### Affordably Priced Shop Equipment

The Stinger line of shop equipment is made to exacting standards and backed by the company's Lifetime Marathon Warranty. The line includes two 1000-pound-capacity transmission jacks (Nos. 1793 and

1794) with large tilting saddle plat-



forms and brakes on two wheels, plus two floor jacks, with 2½- and 3-ton capacities (Nos. 1503 and 1504, respectively), designed to withstand the daily abuse of a busy shop. All

four jacks in the line come standard with a built-in safety overload system.

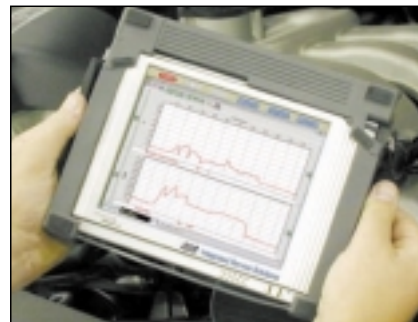
**OTC Div., SPX**

Circle #208

## Shop Management and Information Software Group (SMG)

### Wireless Hand-Held Information System

Combining the resources of today's leading automotive technology com-



panies—ATRI, Aspire, EASE and others—Integrated Service Solutions (ISS) introduces the ATRisys family of products. Now, reportedly for the first time, a Windows-based product line integrates shop management, training, diagnostic information, a hotline and the most powerful scan tool in the industry into one seamless environment. **Aspire**

Circle #209

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### Electronic Automotive Repair Information

The Motor/Alldata System is a complete information source that in-



cludes: technical service bulletins; vehicle identification information; diagnostic, test and repair procedures; wiring diagrams and component locations; specifications; tuneup procedures; maintenance schedules; and the complete *Motor Parts & Labor*

*Guide*. It's user-friendly, with easy-to-use Windows-based technology using point-and-click graphics.

The Motor/Alldata System is a logically organized business tool, designed to "think" like an experienced technician to diagnose problems quickly and accurately, increase parts and labor sales, reduce billing omissions and comebacks and boost customer satisfaction. **Motor Information Systems**

Circle #210

### Service Slants on CD-ROM

This new CD-ROM application contains over 5000 Service Slants and technical illustrations from OE and aftermarket Technical Service Bulletins. Published in *MOTOR Magazine* from 1980

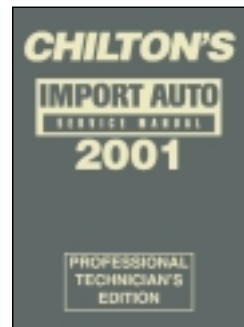


on, they cover vehicles from 1974 to 2000. The easy-to-use program lets you look up problems by repair category and year and make of vehicle. **Motor Information Systems**

Circle #100

### Import Service Information

This *Import Auto Service Manual* for 2001 offers information designed for the professional technician. Features include a new easy-to-read format, quick-reference sections, exploded-view illustrations, diagrams and charts, simple removal and



installation procedures, complete coverage of suspension components and complete coverage of repair procedures from drivetrain to chassis and all associated components.

**Nichols Publishing**

Circle #212

**Shure**

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Circle #23

### Collision Repair Group (CRG)

#### Overhead Welding Station

The PR-10 resistance spot welding system is now available in a ceiling-mounted version.



All components are stored overhead, leaving the floor free of cables, air hoses and welding guns. The systems is always connected and ready to weld, and

stores out of the way when not in use.

The unit features an advanced

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weld control system with squeeze, weld, hold and wait cycles, all controlled by a single button. Other advantages include a weight-balanced welding head, 6mm weld nugget diameter and 10,000 amps at the welding tips, powerful enough to weld through primers and sealers between panels. Options include an overhead MIG welding and dent-pulling station. An additional bridge with a MIG welding station can be added to the existing overhead track system.

**ProSpot**

Circle #213

### Versatile Spot Welding System

The PR-8 resistance spot welding system can handle all your welding



needs, including two-sided spot welding, single-sided spot welding, spot hammer welding, washer welding, nut-and-bolt welding, carbon shrinking and contact shrinking. The unit features a Smart spot gun, 715-volt output, air cooling and a micro-processor program with six menus.

**ProSpot**

Circle #214

## Other Member Companies

### New Four-Post Lifts

Four-post lifts in the new 123 Series (Model SMO123-EL2 shown) are designed to add greater productivity and value to an end user's business. Key

new features include a 6-inch increase in rise, allowing more headroom and



workspace under the vehicle; new-generation rolling jacks that glide easier and require less maintenance; an improved Dual Protection Sentinel Lock System, with fewer moving parts for greater reliability; and a technician-friendly joystick-style lock release. All the new four-post lifts meet the latest ANSI/ALI ALCTV standards, effective April 1, 2000.

The lift shown is available in three wheelbase lengths (up to 206½ inches), and as an alignment rack with rolling bridge and wheel gauges. It's also available with a versatile open-yoke design for easy access to the front or rear of vehicles. Capacity for all models is 12,000 pounds.

**Rotary Lift**

Circle #215

### Mobile Computer Center

The Model 80014 Mobile Technology Center contains everything needed to



house a complete computer system. Features include a separate C P U

compartment with a built-in cooling fan and air filter, slide-out printer and keyboard drawers and a raised monitor stand with tie-downs. The unit also has a hardwood maple top, an internal power supply with six-plug power strip and four heavy-duty locking swivel casters.

**Shure Mfg.**

Circle #216

### Fluid Containment Workbenches

Model 030465 Tear-Down and Fluid Containment benches feature a rein-



forced top with a ½-inch lip on all sides and are strong enough to accept parts-holding devices. An offset drain allows fluid to be contained in a removable tank. A locking drawer secures regularly used tools and materials.

All Fluid Containment benches feature heavy-gauge steel construction, two horizontal leg braces and welded legs for added strength and rigidity. Two rigid and two swivel casters provide easy mobility about the shop.

**Shure Mfg.**

Circle #217

### Custom-Design Workbenches

Model 019128 Custom Series workbenches have a stylish appearance cou-



pled with strength and utility, making them a welcome addition to any service area. The series offers a variety of bench tops—stainless steel, steel and hardwood—all strong enough to meet many daily workloads, plus a number of bench configurations to fit your individual requirements. Custom workbenches come in three different styles—stationary, portable and wall-mounted.

**Shure Mfg.**

Circle #218

