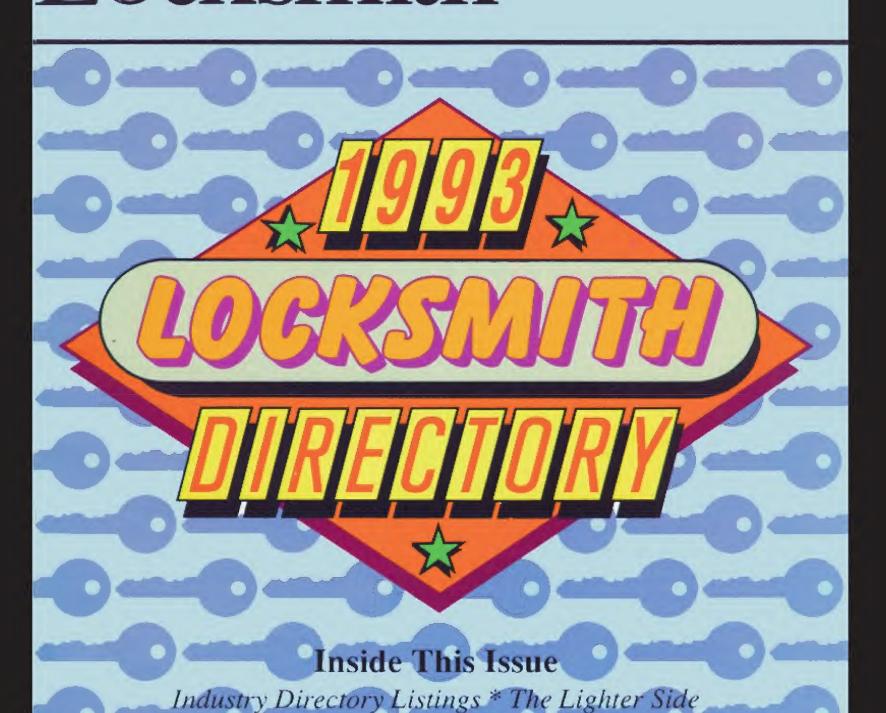
The National Locksmith

December 1992

The National Locksmith



Technitips * Safe Lock Service * And More!

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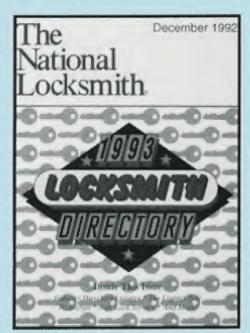
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This month's issue brings a comprehensive guide to the companies in the locksmith industry. This is certainly an issue you will want to save for reference all during 1993.

Click on the article you wish to read

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The National Publishing Company

The National Lockemith® ISSN #0364-3719 is published monthly by the National Publishing Company, 1533 Burgundy Pkwy., Streamwood, IL 60107. Phone: 708-837-2044. FAX 708-837-1210. Second class postage paid at Bartlett, IL 60107 and additional mailing offices USPS 040110. Subscriptions \$34.00 per year in the USA: \$36.00 per year in Canada; \$39.00 in all other countries. Single copies \$4.00 each Postmaster, please send change of address to National Publishing Co., 1533 Burgundy Pkwy., Streamwood, IL 60107.

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Printed in the U.S.A.

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Commentary

Announcing The Security Certificate Program!

What do you most need from *The National Locksmith*? I think that answer to that question is simple. What you most need from us is information and education. This magazine was born on January 1929. A locksmith named Stan McLean had a vision that members of the security industry needed to share information and education with each other. That is our purpose.

That is why we have devised an exciting new program for you. The program will allow you to take multiple choice exams printed in *The National Locksmith*. These exams will test your learning and knowledge in several important security subjects. By passing the exams, you will earn Certificates of Achievement for Continuing Education in the Security Profession.

Here's how this completely voluntary program will work. Starting in January 1993, each issue will contain a special article on General Locksmithing, one on Automotive Security and one on Electronic Security. The first Test Issue will be March 1993. That month, will contain all the usual good stuff you normally find in our magazine, along with the special articles on the three test topics. But you will also find three exams in March...one on General Locksmithing, one on Automotive Security and one on Electronic Security.

Those exams will test you on the material covered in the test articles contained in the January, February and March issues. To take the General Locksmithing test in March, for example, all you have to do is study the special articles in the January, February and March issue. Then take the General Locksmithing exam printed in the March issue. Send it in to us, and we will grade it. If you pass the exam, we will send you a Certificate of Achievement.

The Certificate of Achievement is a very impressive certificate, printed 8-1/2" by 11" on a parchment stock. Your name is personalized on it in large, beautiful script. The first time you pass an exam, we will send you this certificate. Also, we will send you a Gold Seal or Seals, to be placed on the face of the certificate to represent the test or tests that you have passed. Then, throughout the year, each time you pass a test, we will send you one Gold Seal for each exam you pass. You simply place the Seals on the certificate where indicated. The Certificate of Achievement is completely filled when twelve Gold Seals

have been applied, indicating that twelve exams have been passed.

If you want to take all three exams published in a test issue, you may do that. Or choose only the ones you're interested in. You may be wondering what will all this cost? The answer is, almost nothing! We will ask you to send in a small processing fee with your tests, but this will only be two or three dollars.

Exams will be published in March covering January, February and March issues; June covering April, May and June; September covering July, August and September; and December covering October, November and December. Thus during 1993 you can take as many as twelve exams, completing your Certificate of Achievement in one year. After completing that certificate, we will confer upon you a Certificate of Merit and Completion, for the subjects you have passed.

This program is voluntary! If you want to work towards your Certificate, you can do so for virtually no cost. If you do not want to participate, no problem! The special test articles are designed to work like a course, teaching you about important security topics. We have been doing that all along, of course, and even if you don't take a single one of these multiple choice tests, you will still enjoy the articles.

I hope you all enjoy my new photo. I haven't had a mustache-or hair-for a long time now! Please note the tie! We change my photo every ten years, whether we need to or not.

Munc Editor/Publisher Golden

December 1992 5

Seroogy Speaks...

Notes From the Managing Editor

For years The National Locksmith has been providing us with some of the best information in locksmithing. From automotive to safes, from commercial to residential, The National Locksmith has kept us abreast of what is going on. The unfortunate reality, however, is that the field of security has spread itself over the waters so broadly and so quickly that it's hard to keep up! This makes available up-to-date information critical to your success. That's where I fit in. I'm here to provide you with the latest and the best. My job is to make sure you are "armed" for what's out there.

The 90's is causing some turbulent waters for locksmiths. We now have to worry about federal and state licensing proposals, greater dependence on electronic security, meeting ADA and NLS standards, and airbags. And there are more changes in the auto industry than I have key blanks. (And I have a lot!) To keep ahead in this type of environment demands a special breed...a locksmith who's keenly aware of his surroundings, his customers, the industries.

Of course, that locksmith is going to demand information that is not only relevant and current, but also a little progressive. That's why my objective is to leave no stone unturned as I seek out new ways for you to upgrade your profitability. To do that you and I will have to be in close contact.

Stay in touch. Everyday on my way to this office I am reminded that I am still a locksmith. Every time I open the door to my van the aroma of WD40 (the locksmith's deodorant) engulfs me. Every time I hit a bump, my tool-

filled truck sounds like an old gypsy wagon or a Fred Sanford delivery truck. I am a locksmith!



Years ago when I needed information from another magazine, I had to call on guys who are locksmiths turned writers. Calling them made me feel as though I had invaded their privacy, that they had to condescend to speak with me. Trade shows and "free" seminars become their forum for apologizing while trying to retain omnipotent status. I didn't like it. They got caught up in their cushy, behind-the-desk jobs and simply lost touch.

I won't do that to you. I will try to speak to every caller, and answer every question. If I'm not in, it won't be because I'm sleeping behind my computer dreaming of more articles to write. It will be because I am out in the field doing the work of a locksmith, studying and evaluating the very areas of interest you need to know about. In fact, as I finish up my first week with the National Locksmith, I've helped deliver two electric strikes, install two door knobs and five alarmed exit devices. I've advised and quoted on a fire door installation, and made keys for a couple of autos.

Another area we must explore

together is Security! In general, there are two types of locksmiths: the pure locksmith and the security professional. Both are valid and necessary. The difference between them is that the pure locksmith concerns himself with locks, keys, and to some degree, hardware only. He is not interested in door closers, hinges, door/frames, or anything outside the lock and its associated hardware.

The security professional, on the other hand, concerns himself with all aspects of security, both physical and electrical, from master keying to window protection, from access to egress. He sees locksmithing from a much larger context.

Now, while both groups will be able to benefit from *The National Locksmith*, it is my intention to help you expand your vision (and your income) from locksmith to security professional. WHY? Let's be honest, if you want to make more than just a "living," it's necessary.

There are many charted and uncharted waters for the locksmith today. It's my goal to help you navigate these areas as safely and easily as possible.

Reflecting these objectives, The National Locksmith has planned an exciting year filled with the newest and the best in auto, locksmithing, safes, and access control. Many surprises are in store to help make you "#1" with your customers.

Thanks,
Tom Seroogy
Managing Editor



It's your reputation. Trust the original.

Technitips

Helpful Hints from Fellow Locksmiths



Send me your Technitips. Who knows, you may be our next winned c/a The National Locksmith, 1533 Burgundy Parkway. Streamwood, IL 60107.

by Robert Sieveking

December's Best Tip

I would like to impart this knowledge to the rest of the locksmiths who read this Technitip. The Tip was given to me some years back.

For those locksmiths that have to remove a Weiser 500 series lockset from the door to remove the cylinder assembly, I recommend that you try the following.

First, cut the top and bottom shoulders of a Falcon 6 pin blank back to the bow. Then, insert the key fully into the lock cylinder. Push the inside knob up or down, or to either side, to bind and hold the actuator shaft that was extended by the modified 6 pin blank. Remove the blank, while maintaining the

These Prizes Awarded Each Month!

All-Lock A-7000 VATS Decoder
HPC Pistolpick
Silca Rubberhead Keyblanks (100 blanks)
ESP PR-13 Professional Lock Pick Set
Sieveking Products EZ-Pull GM Wheel Puller
Fort Lock Backer Board Display Panel

Submit your tip and win!

pressure on the inside knob. Insert the customers key into the cylinder and rotate the plug to the cylinder removal position. The cylinder can be then pulled from the outside knob. It is not necessary to remove the lockset, to disassemble the cylinder assembly.

To reassemble the cylinder assembly into the outside knob,

push the shaft into the rear of the knob and bind or hold it, as before. Rotate the plug, in the cylinder, to the 10:00 o'clock position and push the assembly into the knob. Rotate the key to the 12:00 o'clock position and release the pressure on the knob. The actuator shaft will snap into the square socket of the lock plug. Try the key, to insure that the

Continued on page 10

How To Enter

All you need to do to enter is submit a tip, covering any aspect of locksmithing to The National Locksmith. Certainly, you have a favorite way of doing things that you'd like to share with other locksmiths. Why not write it down and submit it to: Robert Sieveking, Technitips' Editor, *The National Locksmith*, 1533 Burgundy Parkway, Streamwood, II 60107.

Tips submitted to other industry publications will not be eligible! So get busy and send in your tips today. You may win cash merchandise, or even one of many key machines or code book sets! At the end of the year, we choose the winners of the listed prizes.

Last year dozens of people walked off with money and prizes. Wouldn't you like to be one of the prize winners for 1992? Enter today! It's a lot easier than you think!

Every Tip Wins 'Locksmith Bucks!'

Yes, every tip published wins a prize. But remember, you must submit your tip to *The National Locksmith* exclusively. Each and every tip published in Technitips wins you \$25.00 in Locksmith Bucks! Use this spendable cash toward the purchase of any books or merchandise from *The National Locksmith*. You also receive a Bonded Locksmith bumper sticker and decal. Plus you are now eligible for the really big prizes!

Best Tip of the month prizes!

If your tip is chosen as the best tip of the month, you will win \$50.00 in cash as well as \$35.00 in Locksmith Bucks! Plus you will receive a quartz Locksmith watch, a Bonded Locksmith bumper sticker, decal and a Locksmith Cap. Plus, you may win one of the annual prizes.

actuator has engaged the plug correctly, before closing the door.

I learned this technique when I was an apprentice locksmith. I have not seen anyone else use this method, so maybe it will help some of you.

Stan McClellan California Thanks, Stan, this procedure sure beats removing the whole lockset!

Edite

All-Lock VATS Decoder Winner

This Technitip involves a very simple and quick method of removing the "Club" steering wheel lock, when the key has been lost. Make a shim from a piece of .010" thick spring steel, .080" wide and 3.750" long. This narrow and rather thick shim must then be curved, slightly, to pass easily between the locking bar and the main body of the lock. Lay the spring steel in a "V" block, and use a piece of .375" rod and hammer, to form the curve over the length of the shim. Carefully bend a 90 degree handle, in the end of the shim.

Now that you have the shim made, slide it down along side the notched shaft of the ultra club, on the side with the locking lug. Slide it down until the tip contacts the flat side of the locking lug. Continue to apply pressure on the shim, as you slide the notched shaft outward, in the locking direction. The locking lug will ride up in the notch, and the shim will pass under the lug. Hold the shim in place, as you collapse the "club" and remove it from the wheel. The key can be made by impression or reading, later.

Richard Olive New Jersey

This may work on many steering wheel locks. I've heard picking is also easy, but this ought to make the job easier and faster. Thanks, Rich!

Editor

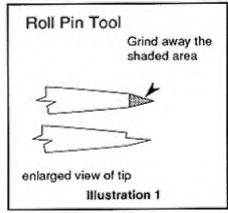


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HPC Pistolpick Winner

This Technitip concerns a modification, that I made to a scratch awl. It has greatly improved the tools performance, when prying up roll pins and drive pins. Illustration one shows an enlarged view of the tip of the tool. The sharp point has been shortened, to give it more strength, and the shaded area ground flat, to increase the "rake angle." The flat tip bites into the side of the pin, rather than slipping, because of this modification.



In use, a hole is drilled along side the roll pin you want to remove. The hole is usually smaller than the pin. If you are removing a roll pin, you might want to insert a piece of wire into the hollow pin. This prevents the pin from collapsing as you pry against it. Insert the prying tool into the drilled hole, at an angle, to give a pry on the pin. The flat side of the pin tool should by up. Apply pressure against the pin, with

the tip of the tool, as you "gently" rock the pin out of the hole. To sharpen the tool, grind on the flat face. This tool will give a much better "bite" on roll pins than an unmodified tool.

> Norman Nelson Minnesota

With all of the foreign ignitions requiring this method of pin removal, this type of tool can avoid a few injuries as well as make the job easier. Thanks! Editor

Silca Keyblanks Winner

This Technitip concerns a problem I had recently. It applies to the '88 and '89 BMW four door sedans with power locks.

My customer was having trouble with the power locks. When the drivers door lock was locked, the vertical button would go down, locking the door, and immediately come back up, unlocking all the doors on the car. This was pretty bizarre behavior, for a car. It took a little studying to find the cause of the problem, but it turned out to be fairly simple.

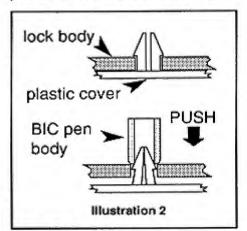
It seems that the strike bolt of the drivers door had moved slightly, preventing the capture mechanism in the door from closing completely around the bolt. The lock refused to complete the locking sequence until the door was completely latched. By adjusting the latch bolt outward, the capture mechanism was allowed to complete the latching, and the electrical locking system operated perfectly. This was a very interesting problem, with a simple solution.

Rick Sullivan Texas

ESP Pickset Winner

............

I have a little Technitip, that I use on the GM sidebar type glove box locks. When making a door key for the GM autos that are equipped with the side bar glove box lock, it is necessary to remove the lock and disassemble it. It is held together by plastic spear head snaps, that must be released to remove the cylinder. If you are not very careful, the clips will break off. I found that a Bic pen body is exactly the right size to compress the head of the clip and push the plastic cover off of the lock body. As you see in illustration two, the pen



tube is pushed and twisted down over the clip to compress it and push it through the hole in the lock body. The sidebar glove box lock contains all six wafers, which makes the door and trunk key very easy to find. If you try this Tip, you will be surprised at how easy it works.

Frank Gonzales California

Thanks, Frank. Despite being careful, I can't number the glovebox tabs I've broken.

Editor

NATIONAL

AUTO LOCK SERVICE, INC.

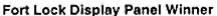
National Auto Lock Service, Inc.
offers a wide range of equipment
and services for the Automotive
Locksmith. From tools and hard to
find key blanks to transponder
programming, we can take the
mystery out of car service. We
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E-Z Pull GM Wheel Puller Winner

If you do much night work, in the back of a van, you probably are aware of the need for some good work lights. I found a great solution. Purchase "Balkamp" 12VDC 75 Watt bulbs. They are available from most NAPA auto stores. They look exactly like household bulbs, but they operate at 12 VDC. You can then use standard light fixtures in your vehicle. I bought four bulbs, and have used the same bulbs in my last two trucks.

Michael Shearer Illinois



Here is a Technitip that I have used, that works well on Ford 10 wafer side bar ignitions.

When faced with a 10 wafer sidebar ignition that must be removed to make a key or replace, try this. Measure back 3/4" along the lock housing, above the sidebar. (This is on the dash side of the ignition cylinder.) Use an angle drill attachment and a short 1/8" drill bit to penetrate the lock housing and the shell of the ignition cylinder, over the sidebar. The hole will be only 3/16" deep, so don't drill too far. You now have direct access to the sidebar. Use a piece of stout wire to apply pressure to the sidebar as you rake the wafers. The lock will pick very easily when you apply a medium light pressure on the sidebar. When the sidebar depresses, the cylinder is picked. Rotate it to the "on" position, and depress the cylinder retainer pin to remove the cylinder. Disassemble the cylinder to make a key, or replace it with another, if the keys were stolen. Combinate the new ignition to allow the door cylinders to operate with the same key.

> Guy Howard Kentucky

While progressioning may be the first method for key generation, drilling for the sidebar and picking is a good alternative if the ignition has been damaged or replaced and progressioning doesn't work. Thank you.

Editor

Quite often a customer will bring a steering column into the shop for service. Most times the customer has purchased the column at a scrap yard,

......



3. The "steering column stand."

to replace another. Auto body shops are a good source for this type of business. Working with the auto wreckers will get you started. Ask for their referrals.

To make this service as quick and easy as possible, I have constructed the steering column stand you see in photograph three. The elastic cords hold the column securely in the wood cradle. The odd shape of the hole at the bottom of the stand accommodates the base of a number of the most common columns. Why wrestle the column, with it balanced between your knees, or risk damage in the jaws of your bench vise?

Ed Tomlinson Virginia

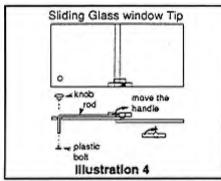


We have it all.
Quality, Value,
& Service.

If you drive a Utilimaster van, with sliding doors (like a bread truck) you probably wish you could lock the doors more securely. This Technitip is a method we have found, that works great. We installed jimmy proof locks at the front of the doors, directly under the "L" handle locks. This gives a great deal more security than the latch handle locks, and can even be made double cylinder, if you're afraid someone might break the glass to open the van. The lock can be installed in the door or in the panel in front of the door.

Juanita Ramsey Texas

Recently, a woman phoned me at 2 a.m., saying that she was locked out of her house. Both the front and side doors were secured with Schlage key-in-knob and heavy duty locksets. After trying to pick the locks for a respectable period of time, I decided there had to be an easier way. I began to study the possibility of opening a window. The house had double pane sliding glass windows. The inside pane was the only one that moved, and it was secured by a keyless thumb latch, as you see in illustration four. The window also had a plastic



knob, attached through the glass.

To open the window, I unscrewed the plastic bolt, which allowed the knob to drop inside the house. This left a 1/2" hole through the window. I then took a 1/8" stainless rod, 36" long, and bent a 1" 90 degree "L" at one end. After measuring the distance from the hole to the latch, I made a second 90 degree bend in the rod, to complete the tool. The tool was fed through the hole in the glass, and the small "L" tip used to manipulate the lock handle. The handle was moved to the open position, allowing the sliding glass to be slid aside. After opening the house the window knob was reassembled onto the glass, without damage.

Richard Laslo Ontario, Canada Here is a Technitip that has helped me, and I'm sure it will benefit some others.

We are often called to remove broken keys. There are many broken key extractors on the market, and I think I have used or tried most. One that I have found, seems to work better than most. It is made from a Dremel #8029 scroll saw blade. The blades are pinned on the end, for installation in the saw. Snip off the end of the blade, so it can be slipped into the cylinder. The teeth of the blade should point back to the user.

Because of the extreme small size of these blades, they can usually be inserted beside the broken key, or under it. Once inserted, a little twist will cause the teeth to bite into the key, and it can be easily extracted.

If you like this method, you might try one of the coarse jewelers saw blades. They are small enough to be inserted down the side groove of most keys, and they are strong for their small size. Use a pin vise as a handle.

These tools work quite well on automotive locks, as we rarely have to disassemble a lock to remove the broken key.

Jerry La Pierre Maine



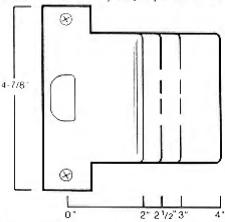
It's not safe unless it's Schwab Safe.

Newsmakers

New Products and Industry News

Extended Lip ASA Strike By Don-Jo

Don-Jo Mfg. has recently expanded its popular line of extended lip strikes to include extended lip ASA strikes. These new strikes are made from the highest quality 13 gauge material available. All models are 4-7/8" high with widths of 2", 2-1/2", 3" and 4".



The width is measured from the center of the screw holes to the edge of the lip. All versions are available in brass, bronze, and stainless steel for immediate shipment.

For FREE Information Circle 432 on Rapid Reply

Medeco® Service Kit By A-1 Security

A-1 Security Manufacturing has developed a service kit for Medeco® cylinders. The Complete Service Station (#SS3) for Medeco® rim, mortise, and key-in-knob cylinders includes the newly developed Service Block (#SS1) which serves as an aid in removing pin stacks while keeping them separated and in order for decoding or re-pinning. The Service Block also functions as a holding fixture for pinning and re-keying.

Also included with the kit is a professional Staking Tool (#SS2) for staking spring covers of key-in-knob cylinders manufactured by Medeco® and others.

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Ford Progression Guide By Locksmith's Choice

Locksmiths Choice Products announces the release of the 10-cut Ford key progression guide. The guide is a simple, yet accurate method for making 10-cut Ford ignition keys using the progression method.

The guide enables the locksmith to cut a key using a clipper or punch incorporating the last two cuts of the vehicle's door lock.

The guide has been independently tested and certified for accuracy. The guide's handy slide chart format is extremely convenient. The slide chart is easy to use, even in a hostile environment. There are no pages to tear or lose. The slide chart stores easily anywhere in the shop or truck.

For FREE Information Circle 434 on Rapid Reply

Dortronic's One-Piece Housing Cover

Dortronics Systems, Inc. has announced the availability of the 1100G series one-piece extruded aluminum housing covers, with integrated tamper guard, for its Ultralock electromagnetic locking devices. They are available in standard and extra-long lengths for the 1106, 1110, 1115, 1120 and 1130 series Ultralocks for surface mounting on outswing doors. They can be furnished in all the standard, special and custom finishes now offered.



The tamper guard projects out from the cover below the armature and extends the full length of the housing, shielding the shear line between the electromagnet and the armature against attempts to pry them apart. The tamper guard also protects the semi-concealed door status switch magnet.

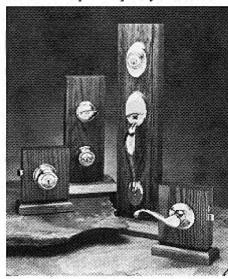
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Kwikset Introduces Titan

Kwikset has introduced a range of new door hardware, designated, "Titan". The new product line is aimed at the burgeoning numbers of consumers who demand maximum home protection, value and quality.

Titan offers a full line of products, including five styles of handlesets and four lever styles made of the solid, forged brass construction usually found only in designer lines costing far more. The line also includes high-security deadbolts and larger knobs with anti-pry barriers.

The new Titan products have been tested to meet or exceed all American National Standards Institute (ANSI) Grade 2 requirements for durability, quality, and security — the highest performance classification of residential hardware quality. And in the Kwikset tradition, all items in the line are exceptionally easy to install.



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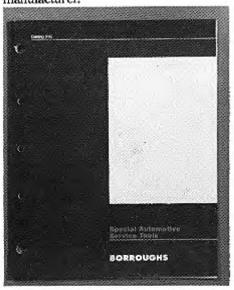
ASP - Your Auto Service Center for the World

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Continued from page 16

New Automotive Tools Catalog From Borroughs

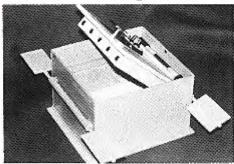
Borroughs Tool and Equipment Corporation is offering a new Automotive Service Tools Catalog, 91G. The new 52 page catalog describes and illustrates the complete and extensive line of Borroughs Automotive Service Tools, and contains a wide selection of special tools, from electronic diagnostic instruments...to body working tools. The new catalog is free from the manufacturer.



For FREE Information Circle 437 on Rapid Reply

New Floor Safe By Hayman

Hayman's new Builder model infloor safe is designed to make installation during the slab pour in new construction quick and easy. The "Lunar Lander" support feet make setting and leveling simple and accurate. The safe body is sealed to protect against site abuse and weather. Because of the patented hinge system, the door is installed without tools after construction is complete. The locksmith may offer other security services when delivering the door.



For FREE Information Circle 438 on Rapid Reply

Small Push-In Lock Available From Camloc®

Less than 1/2 in diameter, Camloc Product's new PTCL66 Series offers lightweight, compact security. The PTCL66, an anchor pin retained type lock, uses a patented 5mm diameter push-in pin with 6mm of travel to provide a shear-type locking mechanism. To operate: push in pin with fingertip to lock; 1/4 turn of key in either direction to unlock. Their small size makes these locks ideal for electronics and high technology office equipment where space is limited; their low weight is well suited to recreational equipment like bicycles and ultra-light aircraft.



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Breakaway Padlock From Master Lock

"Breakaway-shackle" padlocks from Master Lock permit immediate access to emergency equipment, fire hoses, extinguishers, critical controls and valves in crisis situations. The rugged No. 500BRK padlock is normally opened with a key; however, its specially constructed shackle can easily be shattered by a blow from a hammer, wrench, fireman's ax or other tools when rapid, emergency access is needed.



The lock helps prevent unauthorized tampering with important

equipment., yet provides the protection specified by fire insurance underwriters to safeguard equipment.

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AutoMaster By Treskat USA

Treskat USA introduces the Auto Encyclopedia on computer disk. The encyclopedia contains information on practically every car and truck from the 1970's to 1993.

Key blank, code series and code location as well as other pertinent information is easily accessible without searching through manuals. An area that allows you to add notes helps keep you updated. Limit 1 free demo per year.



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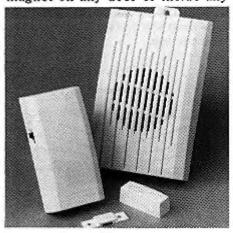


The market leader in locking systems for security, safety, and control.

Toddle Tale By STI

The Toddle Tale System now being marketed by Safety Technology International, Inc.was originally intended for homes with small children, but it works equally well as a security measure to protect restricted areas in museums, libraries, etc. Toddle Tale emits a warning sound when a toddler (or others) attempt to get into such potentially dangerous areas as medicine cabinets, or pool areas.

Installation is quick and easy—with no wiring required. It is only necessary to mount a small transmitter and magnet on any door or inside any



cabinet. Then, the remote receiver unit is plugged into any electrical outlet within 75 ft. When the unit is activated, the receiver emits a warning sound.

For FREE Information Circle 442 on Rapid Reply

Schlage Introduces New Grade 2 Keyed Lever

Schlage Lock Company introduces the S-Series grade 2 keyed lever for light and medium duty commercial and multihousing applications.

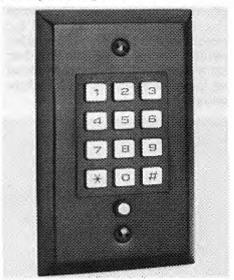


The S-Series exceeds all ANSI/BHMA requirements for grade 2 locksets, is U.L. listed for 3 hour doors for all functions. The S-Series is designed for interior passage and entrance doors where a heavy duty grade 1 lever is not needed. The S-Series also meets all new handicap codes.

For FREE Information Circle 443 on Rapid Reply

SDC's New Digital Keypad

The SDC 915 is is a new line of stand-alone digital keyboards by Security Door Controls. The unit is built around a 12-digit keyboard and an onboard microprocessor with non-volatile memory that controls features and programming options. Thirty-six user codes and two additional inputs control four separate outputs.



For FREE Information Circle 444 on Rapid Reply



HPC, Inc.

Designing Excellence and Manufacturing

Quality since 1956

1992 Locksmith Directory

This Directory contains the names and addresses, and phone numbers for the hundreds of manufacturers and distributors serving the locksmith industry. Each company has been given the opportunity to write a short paragraph about themselves. This gives you a chance to learn more about the various companies in the industry.

Save this issue for reference throughout the year of 1993. If you ever have a question, problem, order or a comment to make, you can use this Locksmith Directory to help you get results. Remember, these companies exist to help you, the locksmith. But they cannot become more responsive to you if you do not keep in contact.

We have tried very hard to make this Locksmith Directory complete with all the information you might need during the upcoming year. However, it is possible that some information might have inadvertently been omitted. If this is the case, then a future issue will contain an addendum to this list.

Manufacturers

A-1 Security Mfg. Corp.
3528 Mayland Ct.
Richmond, VA 23233
(804) 747-0095
FAX: (804) 747-0534
Key Personnel: Frank McCarthy, GM;
Ricky King, Prod. Mgr.
In business for 23 years, A-1 is a manufacturer of unique locksmith tools. With over 60 items offered, A-1 is best known for its line of I/C tools (The Block, Capping Press, Dumping Block); tubular cutters and picks; car opening tools and numerous other hand tools. Products are handled through qualified distributors.

AAA PRODUCTS INT'L.

2012 Shea Rd.
Dallas, TX 75235
(214) 357-3851
FAX: (214) 357-7222
Key Personnel: August Schulz, Exec.
VP; Harry Womack, VP-R&D; Irby
Bennett, Sales Supv.
AAA Products International-Jiffy ML-7
Locksmith Vice; Jiffy QS-12, C.F.-12,
FG-12 high speed attachments, factory
recommended for the HPC-1200 CM.
Jiffy MA-1 centerline, no slip
impressioning tool. Jiffy GM-1 Cap
Clincher, Jiffy MT-1 Tubular
Impressioning Tool, Jiffy JBH Battery
Holder, Jiffy SL120-6 Super Light
Probe, and Jiffy LRF-50 Flat Reel Light
Cord Assembly.
See ad on page 87

A.D.D.M. International Inc. 3091 Trinity St. P.O. Box 572 Oceanside, NY 11572 (516) 766-5997 FAX: (516) 678-0259 Key Personnel: A. Gesser, Pres. A.D.D.M. International Inc. markets gas alarms for various gases. The two most popular models are: GHD 2000 for propane, butane and natural gas and GHD 2001 for carbon monoxide. Those units are manufactured for residential use and come with six foot plug in cord for a simple installation.

A-J Mfg. Co. Inc.
3601 E. 18 St.
Kansas City, MO 64127
(816) 231-5522
FAX (816) 231-8437
Key Personnel: Robert Haake
A-J Mfg. Co. specializes in the manufacture of standard and custom made-to-order door grilles, glass lite frames and kick-armor plates.

Aable Locksmiths
91-10 Liberty Ave.
Ozone Park, NY 11417
(718) 847-1377
Key Personnel: Frank Markisello, RL,
Owner; Elizabeth Markisello,
We design and sell several tool kits for
working on auto locks: The "Side-Kick," Ford "Disc-Out," Ford side bar
block. Also Ace Breaker for tubular
lock, inter-lockit universal cylinder
guard. We are locksmiths trying to
make all our jobs a little easier.

A&B Safe Corp.
2300 Bloomingdale
Chicago, IL 60647
(312) 342-0068
FAX: (312) 342-6694
Key Personnel: F. Bernath, Pres.; N.A.
Bernath, Sec'y./Treas.; Keith Adkins,
GM/Plt. Supt.

ABC Lock Co.
R.R.1 Box 12C
Council Bluffs, IA 51503
(402) 346-8338, (712) 366-4703
Key Personnel: Don Parkins, CEO;
Eleanor Parkins, Pres.
Keybox: metal key storage boxes for service trucks and shops. Rod Biter, Button Biter and Door Jack tools, Dog Tooth, Vampire, Zoro, car and truck opening tools with teeth.

Abloy Security, Inc.
6200 Denton Drive
Dallas, TX 75235
(214) 358-4762
FAX: (214) 353-0273
Key Personnel: Charlie Armstrong,
GM; Rock Bodenschatz, NE Reg. Mgr.;
Jerry Stuart, OEM Sales Mgr.; Mark
Imhof, Prod. Mgr.
Abloy Security manufactures and
distributes a complete line of
maximum security locks and
replacement cylinders. Products offer
superior physical strength, patented
keyways, and extensive master keying
capabilities. Several dealer programs
are available.

ABUS LOCK CO.
218 W. Cummings Park
P.O. Box 2367
Woburn, MA 01801
(617) 935-8370 (800) 225-5348
FAX: (617) 938-7009
Key Personnel: S.S. Crissman, Pres.;
A.J. Steffenberg, VP; Len Stoia, Sales
Mgr.
A worldwide manufacturer of
padlocks and security locks, makers of
the original Diskus, now made in six
models. Four original lines of brass
padlocks are also made by Abus.
See ad on page 102

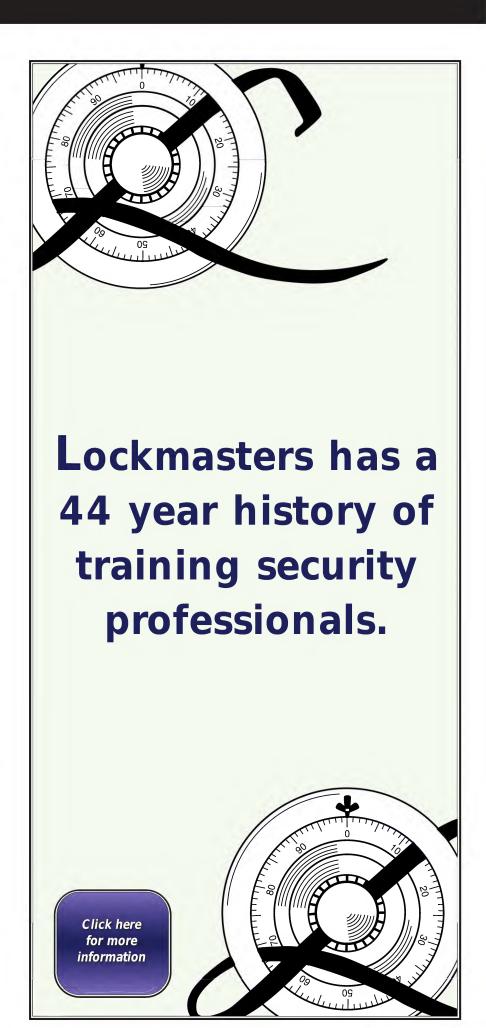
Access Specialties and Products
211 Beeline Drive No.3
Bensenville, IL 60106
(708) 766-2313
FAX: (708) 766-2609
Key Personnel: Gary Spalding, Sales Dir.; John Woodward, Eng. Dir.; Shirley Henderson, Business Dir.
Company organized in 1991 to market and develop door hardware to meet ADA guidelines. Principal products now are ADA-I series retrofit lever handles for simple, inexpensive installation over existing commercial grade doorknobs; available in various sizes and finishes.

Accurate Lock & Hardware Co.
Annie Pl.
Stamford, CT 06902
(203) 348-8865
FAX: (203) 348-5234
Key Personnel: Ronald M. Salvatore,
Pres.;Randall Salvatore, V.P.
Sales;David Cundari,Sales Eng.;Mark
Gallo, Sales Eng.
Manufacturers of Accurate. Accurate
custom manufactures locks,
architectural hardware for restoration
projects and to designers
specifications.

ADAMS RITE
MANUFACTURING CO.
4040 So. Capitol Ave.
City of Industry, CA 91749
(310) 699-0511 (800)872-3267
FAX: (213) 699-5094 (800) 232-7329
Key Personnel: J. Mark Kelly, Exec. V.
P./C.O.O.; David Orban, Dir. of Sales.
Architectural hardware: locks, latches, handles, exit devices, electric strikes, etc.
See ad on page 21

Adapt-A-Bore
318 North Milwaukee St.
Milwaukee, WI 53202
(414) 291-5684
FAX: (414) 291-5685
Key Personnel: James P. Holzer, Nat'l.
Sales; Andrew S. Pokrass, Mng.
Partner
Adapt-A-Bore's lock installation device
is designed to allow the use of
conventional lock installation tools for
a variety of manufacturers' specific
lock boring requirements without the
use of paper templates. Adapt-A-Bore
is available as a kit for your existing
Kwikset installation set. The Kwikset
installation kit is also available with
the Adapt-A-Bore unit.

Adcor Electronics
4130 Shirley Drive, S.W.
Atlanta, GA 30336
(800) 229-ADCOR, (404) 691-8920
FAX: (404) 691-5569
Key Personnel: Robert C.
Montgomery, Pres.; Gordon Venkins,
VP Finance; Sylvia Mallison, Nat'l.
Sales Mgr.;
Manufacturer of proprietary digital
receivers and printers; receiving and
reporting system for openings and
closings; telephone line monitors;
cellular back-up systems for alarm
transmission; digital communicators;
voice tape dialers; power supplies.



ADESCO SAFE MFG. CO.
16720 S. Garfield Ave.
Paramount, CA 90723
(800) 821-6803 CA (800) 554-8418 GA
FAX: (714) 761-2846 CA
FAX: (404) 493-8809 GA
Key Personnel: Gene S. Halls,
Owner/Pres.; David Halls, Sales/Mfg.CA; Steve Mitchell, Sales -GA
Adesco is a manufacturer of quality
high burglary safes. The line includes
floor safes, depository safes, and free
standing safes, "B" rated through UL
TL30. Custom units designed and built
upon request. Adesco imports a full
line of insulated fire safes. Large stock
of inventory available.
See ad on page 75

Adrian Steel Co.
906 James St.
Adrian, MI 49221
(800) 677-2726
FAX: (517) 265-5834
Key Personnel: Karen Poe, Sales
Coordinator
Service van interior equipment (i.e.,
drawer units, cabinets, shelving, bins),
safety partitions and ladder racks for
full size and mini vans.

Aero Lock
P.O. Box 16434
Memphis, TN 38186-0434
(800) 627-9433
Key Personnel: Jim Clark, Owner;
David Parrott, Owner, Monika Parrott,
Owner
Aero Lock produces key sets designed
to aid the locksmith in opening and
fitting keys quickly and easily to many
types of locks. "Tryout" sets, cut key
sets, and depth key sets are available
for domestic and foreign cars,
motorcycles, boats, luggage, and office
furniture. Free catalog by request.

Aiphone Communications Systems 1700 130th Ave., N.E. Bellevue, WA 98005 (206) 455-0510 FAX: (206) 455-0071 Key Personnel: Clyde Phifer, VP Sales & Mktg., Stan Kohagen, Mktg. Mgr. Aiphone offers intercom systems for home, business and industry. From simple two-station to complex commercial and industrial systems, Aiphone intercoms emphasize design simplicity, technical excellence, and reliable performance.

Ajax Wire Specialty Co. Inc. 119 Bloomingdale Rd. Hicksville, NY 11801 (800) 966-AJAX Key Personnel: Joseph Elowsky, Pres.

Alarm Electronics Mfg. Co.
Rt. 2, Box 99-1
Taylorsville, NC 28681
(704) 632-3365
Key Personnel: Ed Bonner
Manufacturer of miniature wireless
transmitters styled as wristwatch,
pendent, or key ring used for holdup,
medical, auto alarm, door strikes and
many other applications.

ALARM LOCK SYSTEMS, INC.

333 Bayview Ave.
Amityville, NY 11701
(516) 789-4871
FAX: (516) 789-3383
Key Personnel: Richard Paladino, VP of Sales;Brian Strom,Nat'l Sales
Mgr.;Leslie Provenzano, Sales Coord.
Alarm Lock has always been dedicated to providing innovative products renown for dependability, safety and high security. Each is precisely engineered to meet or exceed the industry's progressive requirements. The latest highlight to our line is the Trilogy™ DL2500 Seris of Digital Locks.

See ad on page 3

Alarm-Saf
12 Henshaw St.
Woburn, MA 01801
(617) 935-5354
FAX: (617) 938-6437
Key Personnel: Gordon Pendleton,
Mktg. Mgr.; Joel Labbe, Sales Mgr.
Alarm-Saf manufactures a complete
line of power supply and battery
chargers UL listed for fire, burglar, and
access control. Commercial versions
available up to 16 amps capable of
charging 200 AH battery systems.
Other product include 7 day multievent programmable timers, sensitive
trip relay modules, and high powered
siren drivers.

ALL-LOCK CO., INC.
900 S. Ravenwood Dr.
Selma, AL 36701
(205) 874-9001
FAX: (205) 874-9011
P.O. Box 3042, U.S. Rts. 1 and 130
No. Brunswick, NJ 08902
(201) 545-7000
Key Personnel:Ronald B.
Hermann, Pres. James J. Gibbard
VP,Gen. Mngr.; Stan Fine, VP
Sales/Mktg.; Russell Alsbrook, Nat'l
Sales Mgr.
Domestic and foreign automotive locks
and service kits, key blanks, cam locks
and service kits, and training seminars.
See ad on page 45

Allied • Gary International
P.O. Box 947 Gary Way
Waynesboro, GA 30830
(706) 544-1918 (800) 456-4279
FAX: (706) 554-3319
Key Personnel: Steve Dunn, Nat'l Sales
Mgr.
Manufacturers of quality "made to
order," money chests, UL safes, bank
equipment, mercantile vault doors and
autobank cash handling systems.

Allsafe Company, Inc.
1105 Broadway
Buffalo, NY 14212-1511
(716) 896-4515 (800) 828-7162
FAX: (716) 896-4241
Key Personnel: Edwin L.
Pokornowski, Pres.; James E.
Pokornowski, VP; Michael L.
Davis, Dir. Eng.
Allsafe manufactures access control cards and systems, parking control

cards and systems, photo ID cards, systems, and supplies, and credit cards.

Alpina/Calibro Corporation
14911-127th St.
Lemont, IL 60439-4402
(708)257-8008
FAX: (708)257-7235
Key Personnel: Darius A. Povilaitis,
GM
Tear gas, personal alarms, car stereo
locks. Tearo pepper based defense
spray with orange ID dye.Sound
Guard pocket police siren. Scares away
attackers and alerts others. Attaches to
clothing for instant access. Calibro

Corp. car stereo locks are simple

mechanical locking devices to prevent

theft of car stereos.

Almet Hardware Ltd.
8205 Montreal-Toronto Blvd.
Montreal, Quebec H4X 1N1
(800) 363-2114, (514) 364-4211
FAX: (514) 364-4912
Key Personnel: David Klein, Pres.;
Aubrey Sievert, Sales Mgr.; Merg
Larson, GM.
Manufacturers of decorative lock
hardware for both commercial and
residential markets. Almet is now
featuring new designs in solid brass
and colored levers in their new Encore
line.

ALMONT LOCK CO., INC.
113 School St.
Almont, MI 48003
(313) 798-8950
Key Personnel: Arcardia Popovici,
Pres.; David Popovici, VP; W.L. Pluck,
Mktg. Mgr.
Manufacturer of padlocks and cylinder
locks.

See ad on page 6
Alno, Inc.
9725 Owensmouth Ave.
Chatsworth, CA 91311
(818) 882-6028
FAX: (818) 700-1540
Key Personnel: Jack Fase, Pres.; Stuart
Klein, Inventory.
Distributors of our own line of fine
decorative hardware/bathroom
accessories, switch plates, pulls,
escutcheons, house numbers, all in
brass or porcelain and distributors for
Keuco, Allibeut Co., Decotel product
lines.

American Device Mfg. Co.
1003 W. Broadway
P.O. Box 8
Steeleville, IL 62288
(618) 965-3491
FAX: (618) 965-9022
Key Personnel: Tom Walls, V.P-Mktg.
American Device has been in the manufacturing business over 65 years, producing quality products for the construction industry. These products currently include a complete line of panic and fire exit devices and postal specialties.

American Eagle Lock Company Inc. P.O. Box 232 Akron, PA 17501 (800) 645-7455
FAX (717) 656-4749
Key Personnel: William McNiff, Pres.
Michael A. Smith, Sales Rep; Joseph H.
Niklas, Sales Rep.
Full line of removable core products, including cores compatible with Best, Falcon, Eagle, and Arrow. Also full line of commercial and residential grade cylindrical locks, including lever handle locks that meet ADA handicap accessibility requirements, mortise locks, and deadbolts. All products available in many functions, keyways, and finishes.

AMERICAN LOCK CO.
3400 W. Exchange Rd.
Crete, IL 60417
(708) 534-2000
FAX: (708) 534-0531
Key Personnel: William F. Noone,
Pres.; Philip E. Settecase, VP
Sales/Mktg; Dave L. Anderson, Nat'l
Sales Dir.-Com. Div.
Manufacturer of solid steel and solid
brass padlocks, hasps, cam locks, inner
cylinder locks, replacement rim and
mortise cylinders, and combination
padlocks.
See ads on pages 92-95, 188

American Saw & Mfg. Company 301 Chestnut Street
East Longmeadow, MA 01028
(413) 525-3961 (800) 628-3030
FAX: (800)223-7906
American Saw manufactures hacksaw blades and frames; compass blades and handles; PVC/ABS hand saws; reciprocating and jig saw blades; portable power hacks and portable bands; bi-metal, arbored and carbide tipped hole saws; Vari-Bit® drill bits; Lenox® Leader® bits and wood boring bits. In business since 1915.

American Security Prod. Co.
11925 Pacific Ave.
Fontana, CA 92335
(800) 421-6142, (714) 685-9680
FAX: (714) 685-9685
Key Personnel: Frank Cademartori,
Pres.; Robert Sallee, Nat'l. Sales Mgr.
Manufacturers of Amsec, Star and
Major brand safes. Offering burglary
resistant safes, fire resistant safes and
custom safes. Manufacturing quality
safes for over 40 years.

ANC Locksmith Supplies
95 Grand St.
Worcester, MA 01610
(800) 466-1224
FAX: (508) 757-9668
Key Personnel: Evangelos Bougiouris,
Pres.; Chris E. Lalos, Treas.
New state of the art key cutters.
Improved cutter tooth designs
including increased length of side
teeth. Computer generated teeth insure
consistent quality.All cutters produced
in the USA. This adds up to increased
cutter life and hassle free key cutting.
Enjoy the advantages of our key
cutters at competitive prices.



Make Sargent & Greenleaf's Comptronic locks your choice for electronic safe locking solutions.

Continued from previous page

Architectural Control

Systems, Inc.
10666 Gateway Blvd.
St. Louis, MO 63132
(314) 432-5588, (800) 753-5558
FAX: (314) 432-2090
Key Personnel: Dave Senften, Pres.;
S.A. Caponi, VP; Mark LeGrand, Sales Mgr.
Manufacturers of the patented Gemini Locking System and the Gemini High Security Keypad. Electric hinges, electric mortise and cylindrical locks are our specialty. Included in the ACSI product line are electric bolts, electric strikes, power suppliers and a full line of door controls.

Argus Security International 94-28 Northern Blvd.
Jackson Heights, NY 11372 (800) 88-ARGUS, (718) 458-6707 FAX: (718) 899-1623
Key Personnel: Dennis Shields, Pres.; Bill Festa, VP Specializing in auto security for over 10 years. Designing and manufacturing security systems that save time of installations, are full featured and are so flexible that you can meet any customers needs with it. convenience features, high security and low costs are Argus' outstanding features.

Aritech Corp.
1510 Tate Blvd., SE
Hickory, NC 28601
(800) 800-2626
FAX: (704) 324-8028
Key Personnel: Jim Synk, CEO; David Miller, VP-GM; David Ledgerwood, VP-Sales
Aritech Corp. manufactures Moose brand controls, power supplies, audibles and accessories, as well as Aritech brand motion sensors and related products. Noted for their dependability and ease of installation, these products are available from all major distributors of security products worldwide.

Armadillo Safes
2580 Progress St.
Vista, CA 92083
(805) 239-5712 (619) 598-5470
FAX: (805) 239-5713 (619) 598-5471
Key Personnel: Mike Walsh, Sales & Business Dev.; J.T. Kates, Exec.VP.
We're "The Safe Burglars Hate" floor safe and chest safes. Both standard and custom. We use only high quality materials, no secondary steel.

Armite Laboratories
1845 Randolph
Los Angeles, CA 90001
(213) 587-7744
FAX: (213) 587-5075
Key Personnel: J.H. Armington, Pres.;
Howard Hansen, VP-Sales; Mary
Wilcox, Controller
Manufacturer of moisture remover,
antiseize, rust buster, synthetic
instrument oiler. Manufacturing since
1928.

Armor Safe Corp.
2580 Progress St.
Vista, CA 92083
(619) 598-5470 (factory)
(800) 835-6011 (No. Office)
FAX: (619) 598-5471 (factory)
FAX: (805) 239-5713 (No. office)
Key Personnel: Mike Walsh, Sales, No. Office; Sunny Gilbert, Sales Factory.
All materials are completely new interchangeable boltwork. Complete line of UL labeled TL-15, TL-30 burglar resistive money safes for supermarkets and drug chains. Special designs for clients' individual requirements.

Armstrong Security Lock Corp. 54-45 44th St.
Maspeth, NY 11378
(800) 622-LOCK, (718) 392-9000
Key Personnel: Mark Berger, Nat'l.
Sales Mgr.
A Division of Securitech Group, Inc.,
Armstrong created the 2-inch deadbolt,
top rated by Consumer Reports.
DoubleThrow projects a full two inches
while leaving 5/8" of solid steel inside
the door. New 1-1/2" throw model also
available for special applications
(narrow jambs, sidelights, etc.).

103-00 Foster Ave.
Brooklyn, NY 11236
(718) 257-4700
FAX: (718) 649-9097
Key Personnel: E. Pugatch, Pres.; P.R. Garofano, VP-Mktg.; Monika Elling, VP Finance.
We distribute through locksmith wholesalers a full line of cylindrical, mortise and deadlocks. A full line of exit devices and alarms plus door colosers. For the best alternative to interchangeable cores, Arrow has the full line.

Arrow Lock Mfg. Co.

ASSA High Security Locks
103-00 Foster Ave.
Brooklyn, NY 11236
(718) 927-2772
FAX: (718) 257-ASSA
Key Personnel: Wayne Wilkerson,
Pres.; Mike Crowder, Sales Mgr.; Bill
Peterson, Inside Sales & Customer
Relations
ASSA High Security Locks
manufactures a full range of high
security retrofit cylinders, deadbolts
and padlocks. Patented, geographically
protected keyways are available to
distributors, locksmiths and end-users.
Also offering the HALT line of narrowstile locks.

ATEK Locksmith Products
2510 N. Ashland
Chicago, IL 60614
(312) 348-5106
Key Personnel: Jim Gruber, Mtg.; Joe
Gruber, Pres.; Paul Killion, Sales
Manufacturer of locksmith tools
specializing in tubular lock picking
and custom made tools. Founders of
Atek have been manufacturing
locksmith products since 1959.

Auth Chimes 561 Acorn St. Deer Park, NY 11729 (516) 242-2493 FAX: (516) 242-7742 Key Personnel: Jonathan Ingham, Pres.; Donna Miller, VP, Gen. Mgr.; Dorothy Wagner, Prod. Supv. Auth Chimes, one of the country's oldest door chime manufacturers, has been the choice of architects, contractors and builders for 100 years. The company stands behind its products with a free replacement policy for parts worn through normal use. We now feature U.L. fire rated viewers.

Auth/Florence Co.
2139 N. Elston Ave.
Chicago, IL 60614
(312) 384-3310
FAX: (312) 384-3460
Key Personnel: Michael Gioseff, Pres.;
Mike Gioseff Sr., VP; Frank Vecchione,
Nat'l. Sales Mgr.
Suppliers of high quality USPS and
private distribution postal specialties
products and accessories.

Auto-Security Products
P.O. Box 2937
Kirkland, WA 98083-2937;
(206) 827-8367
FAX: (206) 827-9405
Key Personnel: Buddy Logan, Pres.;
Steve Shain, Nat'l Sales Mngr.; Kathy
Graham, Cust. Svc. Mngr.
Replacement locks, lock parts, keying
kits, etc. For over 30 makes of Asian,
European and domestic vehicles.

BALDWIN HARDWARE CORP.
841 E. Wyomissing Blvd.
Reading, PA 19612
(215) 777-7811
FAX: (215) 777-7256
Key Personnel: Anthony Sturrus,
Pres.; Wayne Baker, VP-Sales; Mike
Babula, Sales Mgr. (East).
Baldwin manufactures a full range of
residential and commercial door
hardware. An extensive array of
mortise lock functions and trim styles
are available. The new Images line of
residential hardware combines the
beauty and function of mortise locks
with the ease of installation common to
tubular latches and deadbolts.
See ad on page 101

J. Barrs 8555 Tonnele Ave. N. Bergen, NJ 07047 (201) 868-4444

Barry Supply Co.
Division of Barry Industries, Inc.
36 West 17th St.
New York, NY 10011
(212) 242-5200
Key Personnel: B.Wein, Sales;W.Wein, Purch.
Barry Supply Co. has been in business over 25 years. The company specializes in the manufacture and distribution of window and door hardware for replacement. Customer base is worldwide. Samples are required for correct matching.



Baton Lock Co.
11521 Salinaz Drive
Garden Grove, CA 92643
(800) 395-8880
FAX: (714) 530-9813
Key Personnel: Peace Hsu, Pres.;
Sharron C. Hsu, VP; Kris Newman,
Sales Mgr.
On September 1, 1982, Baton Lock Co.
was founded and on September 1,
1989, it was incorporated. Products:
stainless steel padlocks, brass padlocks,
laminated steel padlocks, space locks, 6
pin rekeyable padlocks components
with the most popular keyways, AlSecurity cam locks, tubular key cam
locks, switch locks, economy cam locks
and accessories, ID key rings/tags.

Bax Technologies
1816 Johns Drive
Glenview, IL 60025
(708) 729-8339
FAX: (708) 729-7886
Key Personnel: Frank P. Baxpehler,
Pres.
Bax Technologies is a division of F.P.
Baxpehler & Associates, Ltd. supplying
a unique line of 'Integrated Cable
Locks' to manufacturers and
importers/master distributors.

Bell Detection Mirrors
Division of Bell Glass and Mirror Co.
894 Coney Island Ave.
Brooklyn, NY 11218
(718) 633-4000
FAX: (718) 854-8909
Key Personnel: Art Brenner, GM
Manufacturers of U.S. and foreignpatented Bell Detection Mirrors, Bell
Security Mirrors, Bell Surveillance
Mirrors, Bell Safety Mirrors, Bell Traffic
Mirrors, Bell Inspection Mirrors, Bell
Mira-Domes, and Bell Convex Mirrors,
for safety, security and accident
prevention.

Belwith International, Ltd.
4300 Gerald R. Ford Fwy.
Grandville, MI 49418
(616) 531-4300
FAX: (616) 247-4090
Key Personnel: Joe Withers, Pres.; Mark
Pelley, VP Sales / Mktg., Donald K.
Pegel, Dir. of Mktg Rich Cross-N'tl
Accts. Mngr..
Belwith offers a complete line of
auxiliary security devices. Full line of
padlocks, window locks, keyed
window locks, keyed door lock, night
latches, deadbolts, keyed specialty
locks. Locksmith in store display
merchandisers also available.

Best Lock Corp. P.O. Box 50444 6165 E. 75th St. Indianapolis, IN 46250 (317) 849-7829

Best Power Technology, Inc. P.O. Box 280 Necedah, WI 54646 (608) 565-7200, (800) 356-5794 FAX: (608) 565-2221 Key Personnel: Steve Paul, VP-Eng.; Wayne Toenjes, Mktg. Dir.; Ken Urban, Mfr. of Mktg. Com.
On-line, advanced technology, uninterruptible power systems from 360VA to 18 KVA protect micros, minis, workstations, LANs, telecommunications equipment and anything else that needs continuous, computer-grade power. All models are made in the USA, and all 60 hertz models are UL listed. CSA certification is available as an option.

Bewator
2450 Route 130
Cranbury, NJ 08502
(609) 655-7755 (800) 852-8524
FAX: (609) 655-7711
Key Personnel: William Squires,
Pres.;Larry Maguire,VP Distb. & Sales
Bewator manufactures code lock, card
reader, and telephone and intercom
access control equipment ranging from
stand-alone single-door units to multidoor control units and fully-integrated
systems. Bewacode, Bewagard,
Bewatel, Bewacode, Bewagard,
Bewatel, Bewacom, and Bewapass
brands are renowned for their
simplicity and ease-of -installation
throughout Europe.

Blackhawk Products
25913 County Rd. T.5
Dolores, CO 81323
Key Personnel: Roger Weitzenkamp
Software products for IBM include
COD: Codes on Disk; KBX: Key Blank
Cross-References; FILL Fill the
Combination; CBI: Code Book Index,
and RDA: Reverse Domestic Auto. We
also have reverse code books for
General Motors (including Saturn) and
Chrysler.

Bommer Industries, Inc.
P.O. Box 187
19810 Asheville Hwy.
Landrum, SC 29356
(800) 334-1654
FAX: (803) 457-2487
Key Personnel: P.E. Frohlich, Pres.; W.J.
Laughridge III, N'tl. Sales Mngr.; Robert
J. Jutzi, AHC, Asst. Sales Mgr.
Bommer has added a complete line of architectural grade hinges to their broad offering of "specialty hardware" for the contract and commercial markets. This new line complements 116 years of quality spring hinges and lavatory products supplied to the builders hardware industry. Bommer also continues a full line of USPS approved mailboxes.

Borroughs Tools
2429 N. Burdick
Kalamazoo, MI 49007
(616) 345-2700
FAX: (616) 345-9121
Key Personnel: Joyce Pierce,
Purchasing
Service tools for GM automotive lock
systems.

BRIGGS & STRATTON TECH. P.O. Box 702 Milwaukee, WI 53209 (414) 259-5333 Key Personnel: Harry Stratton, VP-Corporate Mgr.; Curt Larson, VP- Sales/Mktg.; Scot Hooper, Mgr.-Svc. and Aftermarket Sales
Briggs and Stratton has been a supplier of quality automotive locks since 1907. Briggs has been the choice of General Motors, Chrysler, Ford and all major over the road truck manufacturers. These OEM quality locks are available to the locksmith through 73 authorized wholesale distributors.

See ad on page 97

R.R. Brink Locking Systems Inc. 500 Earl Road Shorewood, IL 60436 (815) 744-7000 FAX: (815) 744-7020 Key Personnel: Robert R. Brink, Pres.; Diane M. Ganster, VP-Operations; Charles R. Brink, Sales/Mktg/Estimates Mgr. R.R. Brink Locking Systems manufactures electromechanical locks and control systems with emphasis on detention hardware. Included in the product line are: Heavy-duty swinging door electric locks; sliding door locking and operating devices; access panel latches and deadbolts; door position switches; security door pulls, and high-security six pin cylinders.

The Broadway Collection 1010 W. Santa Fe P.O. Box 1210 Olathe, KS 66051-1210 (800) 766-1966 FAX: (913) 782-0647 Key Personnel: Craig Miller, VP Mrkt. & Prod. Merchandising The Broadway Collection designs, manufactures and markets fine decorative door hardware, plumbing fittings and accessories. Our beautifully designed mortise and tubular locksets feature concealed mounting trim for ease of installation, durability and increased security. Our ANSI Grade 1 mortise locks and hardware are UL listed for use on fire doors.

Brookfield Industries 99 West Hillside Ave., P.O. Box 548 Thomaston,. CT 06787 (203) 283-6211 FAX: (203) 283-6123 Key Personnel: Karl Kinzer

Brown Safe Mfg.
439 W. San Marcos Blvd.
San Marcos, CA 92069
(800) 641-7233, (619) 744-4888
FAX: (619) 744-4055
Key Personnel: Frederick L. Brown,
Pres.; Lynel C. Brown, Office Mngr.
Manufacturers of burglary safes and
vaults, including floor safes, burglary
chests, gun and wall safes for the home
and office. Jewelers safes offered in TL15, TL-30, and TRTL-30x6 ratings and a
complete line of B, C, and TL-15, TL-30
rated depositories. Custom safes for
individual and contract quantities are
also available.

Continued on next page



SRi and
Steve Young
are working
together to
bring you
the best in
locksmith
tools and
supplies.

Continued from previous page

Buddy Security Systems
1350 S. Leavitt
Chicago, IL 60608
(800) 886-8688
Key Personnel: Rick Cantrell, Pres.;
David Cantrell, Sales Mgr.
Buddy Security Systems manufactures
all their products in the USA. They
have a complete line of high quality
cash boxes, key cabinets and an everexpanding line of safes.

C&A Control Systems Inc. 7117 Commercial Park Drive Knoxville, TN 37918 (615) 922-2148 FAX: (615) 922-2148 Key Personnel: Alex Cantrell, Pres.; Rick Cantrell, Mgr. C&A Control Systems, Inc. has been recognized as the pioneer and leader in remote auto starting since 1983. We are committed to continue setting the pace. Our SmartGuardTM and LA-Z StartTM products are made in the USA. Call us for a brochure and information package.

California Security Cans 530 Cypress Ave. Hermosa Beach, CA 90254 (800) 848-0067 FAX: (213) 372-2160 Key Personnel: Margaret Meenahan We specialize in the manufacture of can safes made from the actual product container. CANNON SAFE INC.
9358 Stephens St.
Pico Rivera, CA 90660
(213) 692-0636,
(800) 242-1055(Nat'l.)
FAX: (213) 692-7252
Key Personnel: Steve Baker, Pres.;
Richard J. Rundell, GM
Manufacturer of various size steel
commercial safes, plus gun and home
security safes.
See ad on page 43

Cansec Systems Ltd. 2 Robert Speck Pkwy., Suite 570 Mississauga, Ontario, Canada L47 1H8 (416) 897-1762 FAX: (416) 897-5588 Key Personnel: Fred Dawber, Pres.; Jim Brion, VP Op; Joseph Caranci, Mgr. Dealer Svc.

Capricorn Electronics Inc.
48 Capricorn Dr.
P.O. Box 66
Maiden, NC 28650
(704) 428-3451, (NC),
(800) 438-3750 (Nat'l)
Key Personnel: Keith Long, Pres.; Bill
Gronning, VP-Eng.; Robbie Roberson,
VP-Op.
Complete burglary and emergency
wireless/hardwire systems.
Identification of up to 48 individual
keypad, smoke, handheld,
window/door, miniaturized pendant,
glassbreak, transmitters, etc. Flardwire
zones identified also.

CARDKEY SYSTEMS INC.
101 West Cochran St.
Simi Valley, CA 93065
(805) 522-5555
FAX: (805) 526-0084
Key Personnel: Joseph A. Vona, Pres.
Cardkey is one of the oldest access control companies and largest suppliers of access control systems in the world. Cardkey addresses a broad spectrum of facility management needs. In addition to access control, we offer alarm monitoring, T/A, CCTV, vehicle management, elevator and parking control and more.

See ad on page 83

CCL Security Products
199 Whiting St.
New Britain, CT 06051-4360
(203) 229-6199
FAX: (203) 223-7601
Key Personnel: James T. Salonia, Dir.-Sales/Mktg.; Joseph Pihiel, Nat'l. Sales Mgr.
CCL Security Products is a quality manufacturer of padlocks and cabinet hardware. Product line includes the Sesamee "keyless" padlock line, keyed padlocks, cabinet, drawer, enclosure, sliding door, cam, and special purpose locks along with handles and drawer pull catches. A member of the Eastern Company.

Cellular Alarm Prod., Ltd. 2575 Southwell, Ste. 104 Dallas, TX 75229 (214) 620-0156 (800) 752-9719 FAX: (214) 620-7205



The world's largest producer of automotive locks and keys.

Key Personnel: Micheal Lebowitz, Managing Prinr.; Jerald Hopkins, Tech.; Mindy Casey, Credit.
Cellular Alarm Products was established in 1987 and manufactures a cellular communication system that can serve as either primary or secondary communication. The product is made with Motorola Equipment and a grade A&B UL approved unit is available.

Chapman Security Systems 100 Eastern Ave. Bensenville, IL 60106 (708)766-4060

Chicago Lock Co.
4311 W. Belmont Ave.
Chicago, IL 60641
(312) 282-7177
Key Personnel: Dale N. Padjen, Sales
Mgr.
Over 70 years experience in the design
and manufacture of locking cylinders.
The original designers of the Ace
tubular lock. Products available
through local distributors are original
replacement keyblanks, single bit,
double bit, Ace and pin tumbler locks.

Cincy Safe 4385 Creek Rd. Cincinnati, OH 45241

Circle-Ess, Inc.
214 East 2 St.
Hastings, NE 68901-5217
(402) 462-2737 (1-9 p.m.CT)
Key Personnel: B.G. Sager, Pres.; H.
Roger Grace, Sec'y./Treas.
Circle-Ess key machines. Principally
the MB8202. Operates on 12 volts AC
or DC and 120 volts AC 50-60 cycle, or
can be re-wired to operate on 208 to
250 volts, 50-60 cycles AC.

Cobalt Manufacturing, Inc.
1512 I-35W Units 106-07
Denton, TX 76207
(817) 382-8986
FAX: (817) 383-4281
Key Personnel: Craig Watkins, Sr., Pres.; Richard Smith, VP; Craig
Watkins, Jr., Prod. Mngr.
Gun safe manufacturer. Standard features include UL listed, (tool attack), fire lined door and body, high gloss paint (5 coats), full interior carpet and choice of interiors. Also includes lifetime product warranty, free lifetime replacement guarantee. Sold through store front dealers only.

Cole Key Corp. 9055 Freeway Dr. Macedonia, OH 44056 (216) 473-2000 (800) 332-6530 FAX: (216) 467-7599 Key Personnel: William E. Shepard,

Colonial Bronze Company 511 Winsted Road P.O. Box 207 Torrington, CT 06790 (203) 489-9233 FAX: (203) 482-8760 Key Personnel: Jamie Gregg, Pres.; James A Gregg, CEO; Sheila T. Gregg, Mktg.
Since 1927, Colonial Bronze has manufactured 100% American made solid brass cabinet and architectural hardware. Colonial offers all of its products in every finish, from polished brass to satin copper to chrome. Colonial also offers the largest selection

of Corian Cabinet hardware available.

Colorado Car • Safe Company 1944 S. Kearney Way Denver, CO 80224 (303) 692-8044 Key Personnel: William Carmichael, Pres.; Tina Carmichael, Nat'l. Sales Car • Safe is a low profile safe designed to bolt under the seat of a vehicle or in the trunk. Reinforced removable lid, for ease of use in tight spots. Two sizes, three models: 9.5" x 11.5" . 2.87" and 12" x 12" x 3.5", two metal thicknesses - 11 gauge and 14 gauge.

COMMERCIAL VAN INTERIORS
8840 St. Charles Rock Rd.
St. Louis, MO 63114
HQ: (800) 759-7477 (St. Louis, MO)
(213) 695-7477 (Los Angeles, CA)
(619) 278-7477 (San Diego, CA)
Key Personnel: HQ: Mark Stegen;
Steven Kloessner; LA: Paul Daiber;
S.D.: Steve Kloessner
Commercial Van Interiors distributes
nationally complete lines of service
vehicle equipment including shelving,
bins, drawer units and safety

Continued on next page



To be a World Leader You Need Quality Products, Innovative Technology and Strong Partners.

Commercial Van Interiaors

Continued from previous page

partitions. Manufactures workbench tops, key machine mounting bases and miscellaneous locksmith specialty equipment. Prearranged packages available. Large inventories for immediate shipment. Installation available through branch locations. MasterCard and Visa accepted. See ad on page 67

CONTINENTAL INSTRUMENTS 70 Hopper St. Westbury, NY 11590 (516) 334-0900

FAX: (516) 334-0235

Key Personnel: Michael Morgenstern,

Pres.; John Banks, VP; Robert Weinstein, Mfg. Mgr.. Access control systems that control from one to hundreds of doors and thousands of card holders and also monitors alarm inputs. A choice of Proximity. Wiegand, Magnetic stripe or Infrared reader technology. All systems are available with English language printout. Also Cypher TM Lock, electronic combination lock.

See ad on page 10

Continental Micro, Inc. P.O. Box 394 Park Ridge, IL 60068 (708) 692-3630 Key Personnel: Thomas Swiderek, Pres.; Lori Lane, V.P. Manufacturer of code cards of all types for HPC 1200 CM Code-A-Key Code Machine. High grade cutters for 1200 CM Code Machine.

Corbin & Russwin Architectural Hardware

225 Episcopal Rd. Berlin, CT 06037 (203) 225-7411 FAX: (203) 828-7266 Key Personnel: John R. Gamble, Pres.; Charles H. Murray, VP Sales; Tom Haapala, VP-Mktg. Corbin Hardware has been providing quality hardware since 1849. Complete line includes locksets, closers, exit devices, key systems, and related locksmith supplies and parts.

Corby Industries, Inc. 1501 E. Pennsylvania St. Allentown, PA 18103 (800) 652-6729, (215) 433-1413 FAX: (215) 435-1963 Key Personnel: Jeffrey Anthony, Sharon Cain, Richard O'Donnell Corby Industries, Inc. provides access control systems, accessories, supplies and digital electronic keypads for every application. Corby systems are available for any size installation: From a single door with several hundred users to computer-based systems with hundreds of doors. multiple building locations and thousands of doors, multiple building locations and thousands of users.

CorKey Control Systems, Inc. 3427 Enterprise Ave. Hayward, CA 94545 (800) 622-2239 (510) 786-4241

FAX: (510) 786-2090 Key Personnel: Brad Cecil,N'tl. Sales Mngr. Corkey is the world's leading manufacturer of mechanical card access systems. Easy rekeying and encoding allow effective key control without wiring, bateries, or computers.

Cosmo Electronics, Inc. 250 N. Robertson Blvd. Ste. 600 Beverly Hills, CA 90211 (310) 858-0433 FAX: (310) 858-8873 FAX: (800) 553-5773 (outside CA) Key Personnel: K. Takahashi, VP; R. Laforteza, Mgr. Sales/Mktg.; S. Lee, Sales Assoc. Cosmo Electronics Inc., is a manufacturer of digital safes widely known among hotels with over 150 hotel clients worldwide. Carries distinctive patented electronic safes that offer the highest Japanese standard of quality at an affordable price. Models are désigned for burglar, pick and fire-resistance.

Crimestopper Security Products, Inc. 1770 So. Tapo St. Simi Valley, CA 93063 (805) 526-9400, (800) 66-ALARM FAX: (805) 581-9500 Key Personnel: Howard Miller, Pres. Sharon Miller, VP; Larry Peterson, GM Complete line of automotive security products and accessories including remote control devices, paging alarms, digital and keyless entry systems, key

A|T|I|O|NAUTO LOCK SERVICE, INC.

National Auto Lock Service, Inc. offers a wide range of equipment and services for the Automotive Locksmith. From tools and hard to find key blanks to transponder programming, we can take the mystery out of car service. We accept credit card orders, and can ship COD. Contact us for the latest in automotive technology.

www.laserkey.com

type systems to meet every requirement and vehicle.

Curtis Industries, Inc.
34999 Curtis Blvd.
Eastlake, OH 44094
(216) 951-2400
FAX: (216) 951-2400 Ext: 398
Key Personnel: F. Kuhar, Pres.; D. Tengel, VP-Sales/Mktg.; T. Morse, Security Products Mgr.
Curtis is a leading manufacturer of key blanks; key duplicating machines, (including the #2, the Keymatic 2000, and the Keymatic 3000); the Number 15 Code Cutter. Curtis also distributes many additional locksmith items via its own sales force covering the U.S., Canada and U.K.

Customline, Inc.
950 W. Cienega Ave.
San Dimas, CA 91773
(714) 592-6200
FAX: (714) 599-5776
Key Personnel: Michael Whiting, Sales;
Dee Gilbert, Sec.
Customline Gate Operators have been manufactured since 1905. We provide a complete line of gate equipment from three foot. pedestrian gate releases to operating equipment for 200 foot. long commercial gates. Custom equipment is available to meet your specific requirements. Assistance in design, specification writing and engineering is available.

Cutter Mfg. Corp. P.O. Drawer M Eaton Park, FL 33840 (800) 237-2312 FAX: (813) 646-4517 Key Personnel: Lori Ladouceur, Nat'l Sales Mgr.; Kathie Guthrie, Sales Super. Cutter manufacturing corporation has supplied the building industry with quality postal specialty items since 1883. During the past twenty-five years, Cutter has diversified its product line to include trash and linen chutes, tenant storage lockers, pnuematic air tub systems and newspaper vending racks.

CWECO
P.O. Box 2456
Gardena, CA 90247
(800) 292-9326
FAX: (800) 232-9326
Key Personnel: David Gursky, Pres.;
Chuck Magnusson, VP
CWECO manufacturers stainless steel
grab bars and has a complete line a
Zamak bathroom accessories, soap
dispensers, hotel, motel and
commercial washroom accessories.

Darex Corporation
Box 277-220 Hersey St.
Ashland, OR 97520
(503) 488-2224 (800) 547-0222
FAX: (503) 488-2229
Key Personnel: Neal Kinzie, Sales Mgr.;
David Bernard, Pres.
Darex Corporation is known througout
the world as the leading producer of
precision sharpening eqipment for
drills, endmills and taps. Darex
sharpeners ar simple, accurate and
they will save you time and money. For

complete information Darex has available comprehensive literature and a free video.

Dayton Safe Company
511 N. Findlay St.
Dayton, OH 45404
(513)461-3900
Key Personnel: Sara Nagler, Pres.;
Elliot Nagler, Sec'y.
Dayton Safe Company has a standard line of money chest models, these units can be modified to satisfy your requirements. We also custom design and build, from drive-up depositories to under counter "bleed boxes." Our solid steel safes are available in "B," "C," and "E" rate, with deposit slots, time locks, etc.

Deck Slider of Florida
771 110th Ave. N.
Naples, FL 33963
(813) 566-3415 (800) 782-1474
Key Personnel: Robert Gaynor, Pres.
Manufactures and sells Deck Slider II,
a state-of-the-art cargo access and
storage system for pickups, vans and
suburbans. Deck Slider II mounts to
the vehicle bed and slides out like a
drawer, providing quick and easy
access to cargo.

DELTA VEHICLE SECURITY 6727 San Fernando Rd. Glendale, CA 91201 (818) 241-9722 FAX: (818) 241-5862 Key Personnel: Jack Naldjian, Mkt.

Continued on next page



Don't panic!
We have Security
Exit Devices.

Continued from previous page

Mgr.; Joe Naldjian, Tech.Mgr.
Delta Vehicle Security, established in
Nov. 1985, was founded on the
principles of providing the highest
quality USA made vehicle security
systems and accessories with the
newest
technology and simple, but powerful

technology and simple, but powerful modular designs. Ease of installation and backing th dealer with technical support are the keys to the success of Delta.

See ad on page 12

Deronde Products, Inc.
200 Cornwall Ave.
P.O. Box 243
Buffalo, NY 14215-0243
(716) 895-8888, (800) 346-8926
FAX: (716) 895-9987
Key Personnel: Alexander Catalano, Pres.; Charles N. Long, Jr., Contract Admin.
Deronde Products, manufacturers of custom steel, stainless steel and textured stainless steel doors and frames for the commercial market as well as the institutional market.
Deronde stocks galvannealed sheet steel and stainless steel in gauges ranging from 18 to 12 gauge.

DETEC SECURITY SYSTEMS, INC. 927 Calle Negocio, Suite A San Clemente, CA 92673 (714) 366-9391 FAX: (714) 366-9436 Key Personnel: Mike A. Sansky, Pres. Designers and manufacturers of innovative security equipment for home, business, motorhome, boat and door announcers. Our entire product line is designed for the do-it-yourself project.

See ad on page 20

DETEX CORP.
302 Detex Dr.
New Braunfels, TX 78130
(512) 629-2900, (800) 729-3839
FAX: (512) 620-6711
Key Personnel: Philip Haselton, Pres.;
Anthony Mudford, VP; Robert, Mac
Donald, Dir. Mktg./Sales
Designs, manufactures and distributes
exit locks, alarms, remote panels,
access control devices and associated
commercial industrial door security
products. Off-the-shelf units capable of
stand-alone or interface into complete
systems capable of meeting the specific
need.

See ad on page 77

Detroit Mini-Safe Co.
9950 Freeland Ave.
Detroit, MI 48227
(313) 931-7720
FAX: (313) 931-7758
Key Personnel: Sheldon Wiener,
Owner
All steel deposit safes for trucks, stores,
theaters, gas stations.

Diebold, Inc. 3320 Gilchrist Rd. Mogadore, OH 44256 (216) 798-5625 FAX: (216)798-5626 Trade names - Banklock

Dom Security Locks
A Black & Decker Co.
100 Central Ave.
Brockville, Ontario
Canada K6V 5W6
(800) 363-4803
FAX: (613) 342-2685
Key Personnel: Felice Iafolla, Mkg.
Mgr.; J-Ph Jacquet, Sales Mgr.; Domenic Cicchini, Cust.Serv.
Dom Security Locks is a major manufacturer of high security cylinders, locksets, commercial and industrial grade disc tumbler locks, key systems and related locksmith supplies.

Domus Industries, Inc.
8550 E. 33rd. St.
Indianapolis, IN 46226
(317) 898-8870
FAX: (317) 898-1130
Key Personnel: Rino di Jorio,
Pres.; Laura Bandy, VP.
Domus Industries Inc. manufactures
high quality custom residential
hardware.

DON-JO MANUFACTURING
P.O. Box 929
Sterling, MA 01564
(508) 422-3377
FAX: (508) 422-3467
Key Personnel: Tim Roy, VP;Karen
Martin, Op.Mgr.
Don-Jo Manufacturing manufactures
wrap-around plates, remodels plates,
push & pull plates, kick-plates, latch
protectors, strike plates and filler
plates, combining all accessories for
door and frame into one complete
product line, packaged and cataloged
with locksmiths in mind.
See ad on page 89

Door Controls Int'l.
2362 E. Bishop
Dexter, MI 48130
(313) 426-0400
(800) 742-3634 (WATTS)
FAX: (313) 426-0405
Key Personnel: Ralph D. Maynard Jr.,
Pres.; John C. Maynard, VP; Joseph A.
Ghergo, VP-Sales & Mtg.
Door Controls International
manufactures life safety hardware. The
line features UL listed door
coordinators, automatic and constant
self latching flush bolts and
accessories. The Pannex is a security
fire-rated rim exit device. Capabilities
include alarming, audible or silent,
remote monitoring and a lock/unlock
module.

Doorguard Systems, Inc.
9157 Whiskey Bottom Rd.
Laurel, MD 20723
(301) 498-7200 (800) 442-6247
FAX: (301) 498-7260
Key Personnel: Christa Lucich, Sales & Mktg. Dir.; John Shipley, Sales & Sys. Dsgn.Mgr.
Doorguard Systems, Inc. is the originator of delayed egress locking

systems for emergency exit doors. Utilizing a 1200 lb. electromagnetic lock, Doorguard delays unauthorized use of emergency exit doors for 15 or 30 seconds. All products are UL listed as systems to comply with NFPA 101.

DOORKING, INC.

120 Glasgow Ave.
Inglewood, CA 90301
(800) 826-7493 (213) 645-0023
FAX: (213) 645-7431
Key Personnel: Richard Sedivy, Mktg.
Dir.; Tom Richmond, VP; Dusty
Beeding, Sales Dir.
Door King is a manufacturer of access
control products including telephone
entry systems, digital locks, card
readers, magnetic locks, gate operators,
and the popular "no phone line" phone.
Door King has been a leading
manufacturer since 1948.

See ad on page 86

DOOR SYSTEMS, INC.
2935 Byberry Rd.
P.O. Box 576
Hatboro, PA 19040-0576
(215) 672-8087
FAX: (215) 672-8298
Key Personnel: David C. Deardorff,
Tanya Kunevich, Alan Scotkin.
DSI is the exclusive supplier of the
Digital Door Lock®, a keyless, pushbutton, mechanical access control for
all types of residential and commercial
doors and cabinets, DSI offers eleven
models and 10 finishes for both new
and replacement installations.
See ad on page 71

Dor-O-Matic
Div. of Republic Ind. Inc.
7350 W. Wilson Ave.
Harwood Heights, IL 60656
(708) 867-7400
FAX: (708) 867-0310
Key Personnel: F.J. Chubbuck, Nat'l
Sales Mgr.; Micheal Murray, VP &GM;
Mark Dugo, Prod. Mgr.
Manufacturers of aluminum door
hardware as well as handicap
operators to comply with current laws
as established by the "Handicap Bill of
Rights, American Disabilities Act."

Dorado Systems Corporation 1842 Sabre St. Hayward, CA 94545 (510) 783-2000 FAX: (510) 786-3028 Key Personnel: William Ragsdale, Pres.; Walt Mahoney, VP Dealer & Comm. Accts.; Fred Barbaria, VP N'tl. Accts.

DORMA DOOR CONTROLS INC.
Dorma Drive
Reamstown, PA 17567
(800) 523-8483
FAX: (800) 274-9724
Key Personnel: Stephen Hildebrand,
Mktg. Mgr.
Dorma Door Controls manufactures a
complete line of surface applied,
concealed, and fire/life safety door
controls.

See ad on page 63



Free freight!! No middle man!!

Click here for more information

Continued from page 38

DORTRONICS SYSTEMS, INC.
Sag Harbor Turnpike
Sag Harbor, NY 11963
(516) 725-0505
FAX: (516) 725-4234
National Sales Office:
16 East Maxwell Dr.
West Hartford, CT 06107
(203) 561-0665
FAX: (203) 561-5977
Key Personnel: Irving Saphirstein, Exc.
VP Sales/Mktg. & Devel.; John
Fitzpatrick, Cust. Svc. Mgr.; Mary H.
Scheerer, Eng. Services.
Designers and manufacturers of electro-magnetic locking and door control equipment and special application components and systems, including direct hold surface and mortised magnetic locking devices, power supplies and systems controllers and general and special purpose controls and monitoring assemblies.
See ad on page 156

A. Dyer Locksmith
951-2 Old County Rd. #329
Belmont, CA 94002
(415) 592-3226 (800) 695-3049
(800) 499-3226 (CA)
Mule Tool. Recently patented set of
tools for opening most knob or lever
locks, most deadbolts and exit devices.
Conventional key, electronic, card
access and high security locks can be
opened with the greatest of case.
Patent #5,123,307

DYNABRADE, INC 8989 Sheridan Dr. Clarence, NY 14031 (716) 631-0100 FAX: (716) 631-2073 Key Personnel: Chip Case, N'tl Sales Mgr.

DYNALOCK CORPORATION
280 Redstone Hill Rd.
Forestville, CT 06010
(203) 582-4761
FAX: (203) 585-0338
Key Personnel: Ralph Sittnick, Pres.;
Gary Gibson, VP; Mark Gibson, Treas.
DynaLock Corporation is a manufacturer of advanced design electromagnetic and electric deadbolt locks for high security and access control installations, plus supportive equipment such as power supplies, station controls, keyswitches, control consoles and mounting accessories.

See ad on page 171

Eclipse Industries
1250 Industrial Ave.
Escondido, CA 92029
(619) 746-1016
FAX: (619) 739-0072
Key Personnel: Martin Stinson, Pres.;
Robert Peddicord, Mgr.
Manufacturer of "B","C",and "E" rated burglary chests, depository safes, gun safes, and "Rota-Bolt" in-floor safes. All made in the USA.

Electronic Locking Specialties, Inc. 2043 Wellwood Ave. East Farmingdale, NY 11735-1283 (516) 753-6100 (800) 825-LOCK FAX: (516) 753-6004 Key Personnel: John Fitzpatrick Manufacturers of various electronic locking devices and accessories for the access control and electronic locking industry. Also distributes for most major electronic lock manufacturers.

EMX Incorporated 5325 Naiman Parkway #F Solon, OH 44139 (216) 349-0909 (800) 426-9912 FAX: (216) 349-5011 Key Personnel: Joe Rozgonyi, Pres. EMX, Inc. manufactures sensors, key reader and controls used in doors, gates and barriers.

Engineering Unlimited, Inc. 1320 12th Ave. N.
Minneapolis, MN 55411
(612) 522-4040
FAX: (612) 522-2829
Key Personnel: Joe Gillis, Mktg. Mgr.; S. Werner, VP.
Only manufacturer of sterling rotary shackle padlocks. Available in steel or all brass models. Two sizes. Excellent corrosion resistant features. Major users include utilities, CATV, municipalities, industry, lock-out. Also available "one-shot" security seals. Cost competitive.

Enixus Trade, Ltd.
34 Dunkirk Rd.
St. Catharines, Ont. Canada L2R 1A1
(416) 682-3086
FAX: (416) 682-4744
Key Personnel: George Papaiz, Bruno Papaiz, Directors.
Enixus Trade, Ltd., incorporated in 1986, is a growing St. Catherines based company situated within one day's trucking to 56% of the North American manufacturing market. The company stocks and extensively distributes Enixus solid brass padlocks and furniture locks. It enjoys a reputation for quality and fast service throughout the industry.

E.O.W. Products, Inc. 175 Fulton Ave., Suite 204A Hempstead, NY 11550

Escalera, Inc. 708 Industrial Dr. P.O. Box 1359 Yuba City, CA 95992

Esmet, Inc.
1406 5th St. SW
Canton, OH 44702
(800) 321-0870
FAX: (216) 452-2557
Key Personnel: Dorothy Pullin, Sales;
Lynn Poje, Sales, Joseph Trombetta,
Mktg. Mgr.
Esmet, Inc. is a manufacturer
specializing in the design and
production of high security mechanical
locks, storage containers and weapon
rack systems under the brand,
Tufloctal. Tufloc products have
applications in many commercial,
industrial, law enforcement and
military buildings and vehicles.

ESP CORP.
(Engineered Security Products)
375 Harvard St.
Leominster, MA 01453
(508) 537-6121
FAX: (508) 537-1699
Key Personnel: Vince Spadafora, VP-Sales & Mktg.; Patrick Baker, Nat'l Sales Mgr.
Manufacturer of key blanks, key duplicating machines, locksmith tools and equipment, cam locks, desk and pin tumbler, mailbox and file cabinet locks, consumer accessories including Hide-A-Key, Key Koil, Identa-Key, Design-A-Coil, Spiderclip and Key Klip. Other trade names: Hide-A-Key Plus.

See ad on page 7

Essex Electronics, Inc.
1130 Mark Ave.
Carpinteria, CA 93013-2987
(805) 684-7601, (800) 628-9673
FAX: (805) 684-0232
Key Personnel: K.F. Zimmermann,
Pres.; Kathleen Morgan, Mktg.
Coord.; Micheal Kaufman, Sales Mgr.
Essex Technologies Corporation is a
manufacturer of Keyless Entry® Coded
Access systems for residential,
commercial, elevator and automotive
applications. All systems include
weather and vandal resistant
touchpads. The residential and
commercial Keyless Entry® Systems
provide years of reliability and are
simple to install.

Excalibur of America 8757 S. Flatrock Rd.
Douglasville, GA 30134 (404) 942-9876
Key Personnel: Ron Murphy, N'tl. Sales Mgr.
Since 1970, more than 8 million people worldwide have trusted their vehicles security to the designers of Excaliber. Excaliber manufactures over 70 parts and accessories for customized installations of any one of the numerous Excaliber alarms available on the market.

Henry A. Evers Corp.
72 Oxford St.
Providence, RI 02905
(401) 781-4767
FAX: (401) 781-9581
Key Personnel: Rosemarie Naismith,
Sales Mgr.; Anthony DiOrio, Pres.
Manufactured steel marking devices
such as hub forcers, die (embossing)
key stamps, tang stamps. You create it,
we make it.

Facilitrac®
64 E. Broadway Ste. 230
Tempe, AZ 85282
(602) 967-8617, (800) 843-8722
Key Personnel: Mike Marinello, Mktg.
Dir.
Grandmaster © PC-based computerized key control software.
Tracks thousands of locks, keys, personnel and all other related information. Prints 14 informative reports for locksmiths as well as the

Continued on next page



ASP Covers the World of Auto Locks

Continued from previous page

office administrator. Easy to operate, simple to set-up, with multi-level password security and on-line help.

NT Falcon Lock
7345 Orangewood Ave.
Garden Grove, CA 92641
(714) 373-2880, (800) 266-4456
FAX: (714) 373-1377
(800) 777-8229
Key Personnel: E.F. Johnson, Pres.; Ed Poole, VP Sales & Mktg.; Don Johnson, Regional Sales Mgr.; John Diedam, Reg. Sales Mgr.
Falcon is a full line commercial lockset manufacturer able to supply standard keyways and interchangeable core systems within eight weeks of order in all architectural finishes.

FICHET-BRAUNER USA
1255-A Oakbrook Dr.
Norcross, GA 30093
(800) 582-0696
FAX: (404) 263-6567
Key Personnel: Norm Brauner, Pres.;
Carolyn Jones, VP; Linda Hicks, Adm.
Asst.
Manufacturers and distributors of high
security safes, fire and record safes,
deposit safes, vault doors, safe deposit
boxes and in-room safes.
See ad on page 159

Folger Adam Co.
16300 W. 103rd St.
Lemont, IL 60439
(708) 739-3900
FAX: (708) 739-6138
Key Personnel: Donald C. Stading,
Pres.; Robert J. Carter, VP-Sales; A.A.
Nobile, Sales Mgr., Architectural
Security Products
Folger Adam Company manufactures
a complete line of door security
products including electric strikes,
electric locks, electric deadbolts,
institutional and high-security hinges.
Desktop control consoles, and a variety
of remote actuation/control devices
such as pushbuttons and keyswitches
are also offered.

FORT KNO% SECURITY PROD.
1051 No. Industrial Park Rd.
Orem, UT 84057
(800) 821-5216
Key Personnel: Tom James, Pres.;Dave Cox,Mkg. Dir.
Fort Knox offers a line of 14 quality safes, Chuck Yeager Series, featuring concerled hinges, reinforced door, ceremic fire protection,corner bolts, up to 28 one inch locking bolts. The Executive, Guardian, and Protector Series offer similiar advantages and lifetime warranty.

See ad on page 49

FORT LOCK CORP.
3000 River Rd.
River Grove, IL 60171
(800) 323-1587, (708) 456-1100
Key Personnel: Lloyd Falk, Pres.; John Hutzenlaub, VP-Mktg./Sales
Manufacturer of round and flat key switch, cam and specialty locks. A complete series of these locks are

manufactured as multi-function locks® exclusively for the locksmith. All come packaged to create many different locks all from one set of parts and are rekeyable. Contact factory to become an authorized dealer.

See ad on page 143

Framon Mfg. Co. Inc.
909 Washington Ave.
Alpena, MI 49707
(517) 354-5623
FAX: (517) 354-4238
Key Personnel: Frank Agius, Pres.;
Mike Agius, VP;Phil Agius, Sales Dir.
Framon Mfg. produces a full line of quality key machines including the Framon #2 code machine, the Sidewinder high security automotive duplicator, a new semi-automatic duplicator, the DRM-1 Flat Steel Duplicator, the TKM-100 Tubular Key Machine and other small tools for the locksmith profession.

Franklin Manufacturing
Div. of Embassy Ind.
300 Smith Street
Farmingdale, NY 11735
(516) 694-1800
FAX: (516) 694-1836
Key Personnel: Lawrence Franklin,
Pres.; Pat Rosen, Administrative Asst.;
Jesse Taub, N'tl. Sales Mgr.
Passage, private and entry locksets.
Manufacturer and importer of quality
security products since 1925. Line
includes: deadlocks, jimmy proof
locks, night latches, garage door locks,
rim and mortise cylinders, chain door
guards, door viewers, police locks,
showcase locks, letter box and drawer
locks, patio doors and all types of
window locks. Also, "Saf-Escape"
instant fire escape ladder.

Fulton Lock Co.
Div. Cleidotech Systems, Ltd.
88 Fulton St.
New York, NY 10038
(212) 732-1314
FAX: (212) 962-1232
Key Personnel: Florence Ganitis, Pres.
Produces quality key machines and key blanks.

GARDALL SAFE CORP.
219 Lamson St.
Syracuse, NY 13206
(315) 432-9115, (800) 722-7233
FAX: (315) 434-9422
Key Personnel: Edward W. Baroody,
Pres.; Caroline Barnicott, Customer
Service Mgr.; Andrew Ash, Dir. of
Training & Mktg.
Safe manufacturer, 350 degree, 1 hour
fire resistant safes, models 1310-3018, 2
hour models 3620-4820, steel
depository safes, rotary, front and back
load all "B" rated. Dual purpose "Z"
safes feature "B" rated chest welded
inside the fire resistant safe. Additional
products, wall, utility, floor and gun
safes. Custom safes built to your
specification.
See ad on page 177

General Tool & Die Co., Inc. 1420 9th St. Racine, WI 53403
(414) 632-0286
FAX: (414) 632-9763
Key Personnel: Frank Helding, Prod.
Mgr.
The Panic Bar Retainer allows you to hold panic bars in the unlocked position, simple depress the bar and place the hook over it. Models available to fit most styles of panic hardware, can be installed on wood, metal and glass doors. Available in anodized aluminum, brass and bronze finishes.

GIL-RAY TOOLS, INC.
1306 McGraw St.
P.O. Box 801
Bay City, MI 48707
(517) 892-6870
Key Personnel: David J. Deuel, Pres.;
Laurie Bedell, Cust. Svc. Mgr.
Gil-Ray Tools Inc. has manufactured premium high speed steel key machine cutter wheels since 1945. New cutters are available direct to the locksmith through their free catalog and are also available through selected distributors.
Gil-Ray Tools offers a dependable mailin cutter sharpening service.

See ad on page 36

Glynn Johnson
2720 Tobey Dr.
P.O. Box 6135
Indianapolis, IN 46206
(317) 899-9440
FAX: (317) 899-9432
Key Personnel: Robert M. Brokamp,
Sales Mgr.
Manufacturer of door control products
including overhead door holders,
concealed and surface mounted,
push/pull latch, floor and wall
mounted stops and holders, and
coordinators double doors including
fire doors.

GNI
PO. Box 1675
Santa Rosa, CA 95402
(707) 528-8083
FAX: (707) 528-8085
Key Personnel: David A. Kesselman, Pres.; Shirlee Turnipseed, Mktg
Coordinator.
GNI designs, manufactures and markets proprietary high security fasteners, seals, locking devices and specialized security hardware for OEM accounts.

G.R.I. Telemark Corp.
802 South Elm
Kimball, NE 69145
(800) 445-5218
FAX: (308) 235-3561
Key Personnel: Mary Ann Brothers,
Pres.
G.R.I. manufactures magnetic contact
switches for the security industry.
Recently introduced the unigard
window security bars, which have an
alarm device for 24-hour protection.
Gives the classic look of French
windows. Removes easily for fire
safety or cleaning. Windows can be
opened or closed with alarm on. Lifetime warranty.

Guard Security Hardware 808 Georgia Ave. Brooklyn, NY 11207 (718) 272-1540 FAX: (718) 272-8335 Key Personnel: Howard Berger, Pres.; Robert S. Winterstein, VP. Manufacturer of Guard, Encoda, Magnum II, Diamond, Lion.

Hager Hinge Co.
139 Victor St.
P.O. Box 12300 Soulard Station
St. Louis, MO 63104
(800) 325-9995
FAX: (800) 782-0149
Key Personnel: A.W. Hager III, Pres.;
John Wotawa, VP-Sales; Frank
Bloecher, VP-Architectural Sales
Hager Hinge has been in the business
of manufacturing contract grade
hinges, spring hinges, electric hinges
and consumer hardware for over 135
years.

Hampton Products International
11 Marconi
Irvine, CA 92718
(714) 472-4256
FAX: (714) 472-9657
Kim Kelley, Pres.; Tracy Hampton, VP,
Sales; Jeannine Hampton, VP Mktg.
Hampton Products International
features weatherproof, rustproof and
waterproof padlocks. Hampton has
introduced their "designer locks" for an
exciting new look in today's colorconscious marketplace. Other new and
innovative products from Hampton
include Lok-Box and Mini Lok-Box
portable security vaults.

HANCHETT ENTRY SYSTEMS,
INC./H.E.S., INC.
216122 N. 7th Ave.
Phoenix, AZ 85027
(602) 957-2472, (800) 626-7590
FAX: (800) 626-7590
Key Personnel: Leland J. Hanchett, Jr.
Pres.; Michael A. Webb, VP-Mktg.
H.E.S. manufactures a complete line of heavy duty UL fire door and burglary resistant listed electric strikes able to accommodate virtually every type of lockset, including the ability to release a 1" deadbolt. H.E.S. also manufactures a new line of adjustable electromagnetic door holders used with fire and smoke barrier doors.

See ad on page 82

Handykey
1800 Abbott St.
Salinas, CA 93901
(800) 626-4448
FAX: (408) 757-3270
Key Personnel: Graham Powell, GM
Affordable proximity access control for
two doors and 99 users. Handykey
readers are weatherproof and easy to
install. The vandal-resistant reader will
withstand abuse. The mullion reader
fits on a door frame. Each electronic
key has a lifetime warranty, cannot be
copied and is easily added/deleted
from any Handykey system.

NT Harloc Inc.
P.O. Box 429
501 Railroad St.
Taylorsville, KY 40071
(800) 542-7562
FAX: (502) 477-8831
Key Personnel: Tom Jennings, Pres.;
Gary T. Jouvelakas, VP-Sales
Harloc Products is now a member of
the Newman Tonks group. Harloc
offers value-oriented retail hardware
programs to sturdy, heavy-duty lock
and lever sets designed to withstand
even the most punishing of commercial
applications.

Harrison Electronic Systems
51 Gravel St., Box 1758
Wilkes-Barre, PA 18705
(717) 825-0540, (800) 422-5050
FAX: (717) 823-6343
Key Personnel: Olin Morris, VP
Sales/Mktg.; Karen Keefer, Pres.; Bob
Justice, Reg. Sales Mgr.
Harrison Electronics, vehicle security
manufacturer since 1971, offers a full
line of remote control and passive
vehicle alarms, starter kills, sensors
and installation hardware. Harrison's
pager-alarm is used for vehicle, home
and business protection. Harrison is a
full-service company, providing tollfree technical support, installation
training, and consumer displays and
brochures.

Hartwell Commercial Division
620-A South Jefferson St.
Placentia, CA 92670
(714) 993-2752 (800)441-0327
FAX: (714) 993-4783
Key Personnel: Tom Huck, Mgr. Cons.
Prod.;Dana Heald, VP/GM; Marvel
Phillips, Cus. Svc.
Manufactured in the USA by Hartwell;
Shack'l Shield® reinforced padlock
protectors wrap hardened steel around
the vunerable shackle of a padlock so
that bolt cutters or other prying
instruments cannot get to it. Shack'l
Shield® mounts with heavy duty
through bolts which prevents prying.

Hayman Safe Co., Inc. 1295 N. S.R. 426 Ovieda, FL 32765 (407) 365-5434 FAX: (407) 365-8958 Key Personnel: Gary Hayman, Don Jenson

Hazelton Key Mfg. Co.
34 Carlisle Rd.
Westford, MA 01886
(800) FOR-KEYS
Key Personnel: Chris Franklin, owner
We specialize in personalized key
blanks factory embossed. We have our
own line of brass keys and are also a
distributor of keys and locks for both
ESP and IIco. We can personalize
almost any key both foreign and
domestic.

Hercules Industries, Inc. S. Main St. Box 197 Prospect, OH 43342 (800) 345-2590, (614) 494-2628 FAX: (614) 494-2274 Key Personnel: Paul D. Yates, Pres.; Ray W. Miller, VP; Dave Hook, Dir. Op. Hercules Industries Inc. was established in 1969, basically as a padlock component manufacturer. We now supply a complete line of solid brass tumbler pin padlocks with a wide selection of brass or steel shackles or special made to order.

HEWI Inc.
2851 Old Tree Drive
Lancaster, PA 17603
(717) 293-1313
FAX: (717) 293-3270
Key Personnel: Wiiliam Ferguson,
A.H.C.-VP;Ernest Winter, Dir. Sales &
Mktg.;Eleanor Rinis, Cust. Svc. Mgr.
Manufacturer of nylon hardware in 13
colors with contemporary design and
consistent styling. Product range
includes door hardware, railing
systems, bathroom accessories, cabinet
pulls, hooks, grab bars, shower and tub
seats. Many items are appropriate for
barrier free environments.

Hiawatha Inc., J.L. Industries
4450 W. 78th St., Circle
Bloomington, MN 55435
(612) 835-4944
FAX: (612) 835-2218
Key Personnel: Robert Dunn, Pres.;
Kirby Bayerle, VP-Sales/Mktg.; Lloyd
Ferrin, Cust. Svc. Rep.
For over 30 years, Hiawatha Inc. has
been manufacturing architectural door
hardware including pulls, pushes and
plates. In the last three years, Hiawatha
has added products such as vision lites
and louvers, heavy duty tubular
custom pulls and nylon color pulls,
and our latest addition of shower door
pulls.

High Tech Tools
1400 S.W. 1st St.
Miami, FL 33135
(305) 649-7014, (800) 323-8324
FAX: (305) 541-0074
Key Personnel: Tony Vigil, Pres.
Manufacturer of automotive lock-out
tools for all makes and models of cars.
Yearly updates of tools for new
models.Locksmith tools, supplies and
printing for the locksmith trade.

Hill Security Products
E. 711-17 Walton Ave.
Spokane, WA 99207-3099
(800) 722-1142, (509) 487-1142
Key Personnel: Ruth E. Bower,
Owner/Mgr.; Toki E. Miller, Exec.
Asst.; Ilean M. Nelson, Admin. Asst.
Since 1959, we have manufactured the
39-N Okay's Key Safe for men's belts
now available in black 39-NXB. For
belt-less trousers, the 37-C. 79-G and
79-NB in grey and black is longer for
wide (Sam Browne) belts. Also chains
in 8" and 18" lengths, 49-NX, 49-NSX
and (65-N 18").

Hirsch Electronics Inc. 1751 Langley Ave. Irvine, CA 92714 (714) 250-8888 Key Personnel: Larry Midland, Pres.; Rich Foster, Exec. VP

Horizon Safe Manufacturing 7034 S. Elmer Ave. Whittier, CA 90602 (310) 698-0789 Key Personnel: Corey Edwards, Sales Mer.

Horizon Safe manufactures quality square door floor safes, including B, C/B, and C rates. Both hinged door and lift-out doors are available. Horizon is also a full line, stocking distributor for Gardall Safe Corporation. Also available are TL15 and TL30 units custom made to order.

Houston MK Systems
10914 Ashcroft Dr.
Houston, TX 77096
(713)723-2995 (713)723-4622
FAX:(713)723-4622
Key Personnel: Lloyd Howard White, GM; Winfield Scott White, Asst.
Professional Locksmith software, ready-made charts, all types of masterkey products. Latest and up-to-date video and printing software including laser. Samples on request MS-DOS. Fast service on disks and charts.

HPC, INC.
3999 N. 25th Ave.
Schiller Park, IL 60176
(708) 671-6280
Telex: 72-1444 (HPC SRPK)
FAX: (708) 671-6343
HPC Services: (800) 323-3295
Key Personnel: Jerry Hoffman, Pres.; Alan Blitstein, VP; Francine Hoffman, VP-Mktg.; Alan Goeke, Dir. of Op.

For over 35 years, a manufacturer of key machines, key cabinets, locksmith tools, and code books. A publisher and educator to the lock and security industry.

See ads on pages 2, 11, 124-127

Hurd Lock & Mfg. Co., Inc.
Div. of Avis Industrial
603 Bohannon Ave.
Greeneville, TN 37743
(615) 639-4101
FAX: (615) 639-0266
Key Personnel: Steve Bone,GM;Walter
Scha, Dir.Mktg.;Rick Webb, Dir. of
Mat'ls. & Logistics.
Hurd Lock specializes in all lockset
applications for the automotive
industry, and supplies to the industrial
sector as well. Hurd Lock is a fullyintegrated, jit manufacturer, utilizing
the latest methods in engineering
design, advanced quality planning,
statistical analysis, 1st run
manufacturing capabilities, and 100%
on time delivery.

Hydrosorbent Co.
Clayton Rd.
Ashley Falls, MA 01222
(800) 448-7903
FAX: (413) 229-8743
Key Personnel: Brady Brown, Pres.
Distributors of Silica Gel Units.
Chemical dehumidifier prevents
condensation within enclosed areas.
Stops rust, mildew, corrosion, spoilage.

Identicard Technologies 1824 Colonial Village Lane Lancaster, PA 17601 (717) 299-3610 FAX: (717) 2994122 Key Personnel: Michael J. Ruscigno, Sales & Mkgt.; Phil Stiles, Op. Mgr. Identicard is a security products manufacturer specializing in building block access control systems. They offer superior performance and profitability for all concerned. Intelligent single door products under four hundred dollars your cost.

Ilco Unican U.S.: P.O. Box 2627 Rocky Mount, NC 27802-2627 (919) 446-3321 Canada: 7301 Decarie Blvd. Montreal, Quebec H4P 2G7 (514) 735-5411

Illinois Lock Co.
301 Hintz Rd.
Wheeling, IL 60090
(708) 537-1800
FAX: (708) 537-1881
Key Personnel: R.H. Schulz, Mng. Dir.;
Brian Reed, Sales-Mgr.
Manufacturer of locks directed toward
the O.E.M market place including cam,
cabinet and switch locks. Available in a
variety of mechanisms covering a wide
spectrum of security levels.

1MI Services USA, Inc. 2 Wisconsin Circle, Suite 420 Chevy Chase, MD 20815 (301) 215-4818 FAX: (301) 657-1446 Key Personnel: Steven Fader, N'tl. Dir.



Integrity. Ingenuity.... security solutions.

Mktg.
Optical Access Control System-tough electronic locks that can be quickly and easily installed on door frames. No need to remove existing locks, handles or cylinders. No moving parts, very low to no maintenance. For hotel, club and office use.

In-A-Floor Safe Co.
1416-18 S. Los Angeles St.
Los Angeles, CA 90015
(213) 749-2448
FAX: (213) 749-2802
Key Personnel: Carl L. Belknap, Flora
W. Belknap.
Inventors of in-floor type safe.
Manufacturers of In-A-Floor Safe.
Established 1925.

INDIANA CASH DRAWER CO.
1315 S. Miller St.
P.O. Box 236
Shelbyville, IN 46176
(317) 398-6643
Key Personnel: William Showers,
Pres.; J.R. Showers III, Sec/Treas.;
Bruce L. Mann, GM
Indiana Cash Drawer Company makes a broad line of wooden or steel cash drawers, for over or undercounter installation, with manual or electronic controls (for use with business or personal computer). Manual model TD-1 has fingerpull locking assembly with alarm that sounds if locking mechanism is improperly manipulated.

See ad on page 158

Intelligent Access Systems,
Div. of Entry Systems
2714 Apple Valley Rd.
Atlanta, GA 30319
(404) 266-8714
FAX: (404) 266-8842
Key Personnel: William J. Ross, Sr. VP
Mktg.; David G. Williams, Dir. of
Mktg.; Jack Johnson, Jr. Sr. VP Sales.
Intelligent Access Systems markets
Intellikey®; an intelligent mechanical
keywhich allows existing locks to be
converted into an offline electronic
access control locks without
modification to thelock. Intellikey®
offers audit capabilities in the lock and
key. Rekey at no "out-of-pocket" costs.
Keys cannot be duplicated and are
reprogrammable.

Intelligent Controls, Inc.
6825-216th St. SW
Lynnwood, WA 98036
(800) 842-0221
FAX: (206) 775-1641
Key Personnel: Jeffrey R. Kruse, Exec.
VP; Robert R. Percival, Pres.; Jeffrey L.
Hovorka, Prod. Mgr.
The 870SX Door Manager is Intelligent
Controls stand alone access reader.
With memory up to 250 covert
encrypted barcode cards, the 870SX
Door Manager is designed to allow
people access into a building, room, or
storage area. This stand alone reader is
also a cost efective method of adding
automation to your parking facility.

Intelock Corporation
7026 Koll Center Pkwy. Ste. 225
Pleasanton, CA 94566
(510) 462-2114
Key Personnel: Tom Corder, Pres.;
Debbie Murphy, Controller; Mark
McKinzie, Prod. Mktg. Mgr.
The Intelock Corporation is
introducing the new Intelock 1000 and
3000 series of key optional entry locks.
Intelock provides the ultimate solution
to low cost electronic access while
answering the never ending problem
of lost, stolen or forgotten keys.
Intelock offers advanced technology
for security and convenience for you
and your customers.

INTRALOCK TOOLS LTD.
105-12779 80th Ave.
Surrey, B.C. Canada V3W 3A6
(604) 596-8900
Key Personnel: Gordon Parr, Pres.; Jim
Brooks, VP
We are the manufacturer of the ITL
9000 automated key cutting machine.
See ad on page 156

Italbrass Corporation 21 Lime St. Marblehead, MA 01945 (617) 639-1992 FAX: (617) 639-2458 Key Personnel: Antonio Musso, Pres. Fine Italian brass door hardware in unique designs.

Continued on next page



HPC has it all:
Key Machines, Software, Books, Car
Openers, Pick Sets, Tools, Door Guards,
and Key Cabinets

Continued from previous page

H.B. Ives
62 Barnes Park North
Wallingford, CT 06492
(203) 294-4837
FAX: (203) 284-1460
Key Personnel: Steven Carletti, VPSales & Mktg.; Stacey Callahan,
Contract Mktg Mgr.; Timothy O'Kane,
Nat'l. Sales Mgr.
Since 1876, H.B. Ives has been
manufacturing fine builders and home
hardware for the commercial,
institutional and residential markets.
The line includes flush bolts and
coordinators, surface bolts,
architectural door trim, door stops and
holders, window hardware, hooks and
brackets, cabinet hardware, latch sets
and mortise bolts, exterior door
hardware and bath accessories.

Ivie Industries, Inc.
18700 Beach Blvd.
Huntington Beach, CA 92648
(714) 842-2378
FAX: (714) 962-2190
Key Personnel: Ernie Fenton, VP Sales;
Doug Ertz, Prod. Mngr.
Manufacturer of cam locks, file cabinet locks, mortise cylinders, locking handles, and computer security hardware.

J&B Key-Rite Mfg. RD #1, Box 217 Rockwood, PA 15557 (814) 926-2176 Key Personnel: Jean Gindlesperger, William Gindlesperger Key-Rite Collection: composed of high quality precision tools: JB100 electronic key machine adjuster comes with precision brass plates. Three types of micrometers, KDI-150, KDI-250, JB 350. JB 300 and JB 301 code shaft conversion kits for the Belsaw 200. JB 105 reversible steel cap key machine vise jaws for the Belsaw 200. Other precision tools available.

JADO BATHROOM & HARDWARE

MFG. CORP.
4690 Calle Quetzal
Camarillo, CA 93012
(805) 482-2666
(805) 484-4799
Key Personnel: Richard Wickham,
Mktg. Mgr.; Carole Olivier, Office Mgr.
JADO manufactures solid forged brass
door and cabinet hardware including
thumblatch entrance sets, offering a
full range of distinctive traditional,
classic and modern creations. Each
item is the symbol of JADO's
committeent to "high quality products
made in Germany."

See ad on page 33

Javelin Electronics 19831 Magellan Dr. Torrance, CA 90502 (213) 327-7440 FAX: (213) 327-5405 Key Personnel: Graham Wallis, Pres.; Ray Payne, VP Eng. Manufacturer and distributor of closed circuit television equipment and systems. Jensen Tools Inc.
7815 S. 46th St.
Phoenix, AZ 85044
(602) 968-6231
Key Personnel: Gary Treiber, Mktg.
Mgr.; Sherman Jensen, Product Dev.
Mgr.; Jean Hogg, Sales/Service Mgr.
Jensen Tools Inc. is a manufacturer of
tool kits for the electro-mechanical and
electronics technician. The company
sells tool kits, tools, tool cases,
shipping containers, and test
equipment through national catalog
distribution.

Jet Hardware Mfg. Corp.
800 Hinsdale St.
Brooklyn, NY 11207
(718) 257-9600
FAX: (718) 257-0973
Key Personnel: Alfred Schonberger,
Pres.; Fred Lang, VP; George
Buchinger, Sec'y./Treas.
Manufacturer of high precision key
blanks, tubular keys, Personaline,
engraved key blanks, Squarousel key
rack display, keyboard display, key
cutting machines, plastic-head keys.

Kaba High Security Locks
Old Turnpike Rd.
Southington, CT 06489
(203) 621-3601
FAX: (203) 621-9727
Key Personnel: Ed Murphy, Pres.; John
Bergstrom, N'tl. Sales Mgr.; Sharon
Berry, Mgr. Mktg. Services.
Kaba High Security Locks

Continued on page 50



Click here for more information Providing quality tools, parts, and service for the security professional.

Kaba High Security Locks

Continued from page 48

manufactures Kaba® Gemini™ UL listed high security cylinders, Peaks™ interchangeable core, mortise, rim and key-in-knob cylinders with patented key control, Nova electronic access control system, and Brassworks solid brass door hardware.

Kaddies, Inc.
1601 N. Main St. #203
Walnut Creek, CA 94596
(510) 934-4488 (800) KADDIES
FAX: (510) 934-4492
Key Personnel: Tom Shetterly, Nat'l.
Sales Mgr.
Maker of the Tool Kaddie, a dolly-style
tool and parts organizer on wheels.

Karpen Steel Custom Doors & Frames 181 Reems Creek Rd. P.O. Box 67
Weaverville, NC 28787-0067
(704) 645-4821
FAX: (704) 645-3230
Key Personnel: Rachel Smith, Pres.; Joseph Karpen, VP
Karpen Steel Custom Doors and Frames is a quick-ship manufacturer of custom hollow metal doors and frames. All orders are manufactured to the customer's specifications and needs. Karpen guarantees shipment of most orders within 10 working days. Underwriters Laboratories labels are available.

Ke-Master
300 S. Pennell Rd.
Media, PA 19063
(215) 459-1129
FAX: (215)558-3392
Key Personnel: Anthony Salamone,
Pres.; Peter Lindley, VP-Sales/Mktg.
Ke-Master manufactures single tag and
dual tag key cabinets and key control
systems for organizing and securing
from 20 to 800 keys. Also available are
key tags, file drawer key racks and
wall key boards.

Kee Company 8559 Canoga Ave. Canoga Park, CA 91304 (818) 341-7788 Kee Company has been in business since 1970 manufacturing card access control systems that range from the simple system to the on line access systems.

Keedex Manufacturing
12931 Shackelford Lane
Garden Grove, CA 92644
(714) 636-5657
FAX: (714) 636-5680
Key Personnel: Cormac "Mac" Dorsey,
Nat'l Sales Mgr.; Julie McCluney,
Partner; George Hill, Partner
Keedex manufactures tools and
supplies for the locksmith and safe
industries. Locksmith products include
reinforcement plates for aluminum
frame doors, cylinder guards, weldable
gate boxes, 12-volt motors, clip
removal tools, followers and the
Protect-A-Lok. Safe products include
the Safe Buster, change key sets, safe

repair kits and safe drill bits.

Keefe Mfg. Co.
23 Lexington Ave.
Trenton, NJ 08618
(609) 882-2290
Key Personnel: John Keefe, Rich Keefe
Manufacturer of wood plugs and
templates, security strikes and
installation fixtures for installing
mortise locks, Adams Rite, flush bolts,
key-in-knob, deadbolts, etc.

KENSTAN LOCK & HARDWARE CO. 166 West Hills Rd.
Huntington Station, NY 11746
(516) 271-2700
FAX: (516) 271-2759
Key Personnel: Hans Bosch, Pres.;Jim Self,VP Sales;Bob Harrison, VP Op. Manufacturers of cabinet and showcase locks in five security levels. They include Disc Tumbler, KeyMatic, Pin Tumbler Interchangeable Cores, and Medeco cores in our complete line of cabinet and showcase lock housings. These cabinet locks are available in a variety of platings and keying plans, including Master, Grandmaster, and Great Grandmaster.

See ad on page 47

Kent-Moore Automotive Div. SPX Corp.
28635 Mound Rd.
Warren, MI 48092
(313) 574-2332, (800) 345-2233
Fax: (313) 578-7375
Key Personnel: N. Robert Kindig,
Sales/Mktg. Mgr.; Richard H. Huber,
Prod./Prom. Coordinator
Kent-Moore is an automotive special
tool manufacturer for General Motors.
We have designed and developed
special automotive locksmith tools to
make your job quick and easy. All of
our tools are lifetime guaranteed and
made in the USA.

Keri Systems, Inc.
711B Charcot Ave.
San Jose, CA 95131
(408) 435-8109
FAX: (408) 434-0631
Key Personnel: Chuck Fontana, GM;
Susi McCarthy OM/Mktg.; Matt
Taylor, Supp. Tech./Sales.
Keri Systems ProxLock is a smart stand
alone access control which uses
proximity cards and tags to unlock a
door rather than keys. Presenting an
authorized card in close proximity to
the reader will operate a door lock or a
gate operator and record the
transaction.

KETT TOOL CO.
5055 Madison Rd.
Cincinnati, OH 45227
(513) 271-0333
FAX: (513) 271-5318
Key Personnel: H. Rowe Hoffman,
Chrm.; William A. Berlier, Pres.; Rick
Fowkes, Sales Mgr.
Trade names-Kett specialty cutting
saws, shears, drilling heads.
See ad on page 75

Key Bak Division
West Coast Chain Mfg. Co.
1460 So. Balboa Ave.
Ontario, CA 91761
(714) 923-7800
FAX: (714) 923-0024
Key Personnel: Craig Paugh, Pres.;
John Iacono, VP.Shirley Paugh, Office Mgr.
Manufacturers of Key-Bak® key chain reels, Mini-Bak® key returns and quality key accessories. Key-Bak is the original key reel and the standard of the industry. It is made in the U.S.A. and backed by a lifetime service policy. The company also produces light industrial chain.

Key Products Co. 525 W. Plata, Ste. 500 Tucson, AZ 85705 (602) 882-5307 FAX: (602) 882-5375 Key Personnel: Mark Mitchell, Owner Key blank inventory control and organizational system.

Key Sure
P.O. Box 439, Prince Station
New York, NY 10012-0008
(212) 219-0015
FAX: (212) 219-0015
Key Personnel: Len Sideri, CEO
Keysure, a plastic key control
container, that protects keys
individually. Signatures are required to
make it work. Access to the key is not
possible without breaking the
container, indicating its use. Keysure is
not reusable. Keysure is available as a
system for 100's of keys, and is
available in blue and clear. Other uses:
computer access codes/safe
combinations, etc.

Key Systems, Inc. 948 Culver Rd. Rochester, NY 14609 (716) 654-9388 FAX: (716) 654-7916 Key Personnel: George Eckerdt, Pres.; Bruce Fredericks, VP Manufacturers of Velcro-backed key storage devices consisting of portable key cases, file inserts holding up to 1000 keys in a drawer, metal cabinets and electronic key control cabinets.

Keydex International Inc. P.O. Box 737
Saddle River, NJ 07458
(201) 930-9056
FAX: (201) 930-8641
Key Personnel: Howard A. Osofsky, Pres.; Barbara J. Osofsky, Ex. VP Manufacturers of Keysaver®.

KEYSOFT MASTERKEY SOFTWARE 854 So. Redwood Rd Salt Lake City, UT 84104 (801) 972-1369 Key Personnel: Rick Wilkinson, Pres.; Melanie Wilkinson, VP See ad on page 48

Keystone Novelty Co. Inc. 137-17 71st Ave. Flushing, NY 11367 (718) 544-1734

Keystone Noveley Co., Inc.

Continued from page 50

FAX: (718) 544-1872
Key Personnel: Hy Korn
High quality key rings and accessories.
Product line includes the lowest prices
on snap klips, wrist coils, cutters, key
I.D. rings, key I.D. covers, key I.D. tags,
bullitts, whistles, knives, tape
measures, lanyards, luggage locks,
split rings, etc. Free catalog available

KILLEEN SECURITY PRODUCTS 33 Hermon St. Worcester, MA 01610 (508) 754-1714 FAX: (508) 723-2183 Key Personnel: Norman Doucet, Pres.; Doug Maston, VP Manufacturer of interchangeable core products. Interchangeable with Best, Falcon, Arrow, Eagle and Lockwood. See ad on page 173

Kinduell Screen Products, Inc. 110 Center St.-Wilder Newport, KY 41071 (606) 581-5444 Key Personnel: JayKinduell, Pres.; Randy Nice, Est.; Angela Zapp, Sales Svc..

Standard or custom truck decals, vinyl pressure-sensitive pre-spaced lettering and standard in stock logo's. Decals are durable, weather-resistant and easy-to-apply. Kinduell Screen Products, Inc. has been in the fleet marking business

for over 30 years. Call or write for your free catalog today.

Knaack Mfg. Co.
420 E. Terra Cotta Ave.
Crystal Lake, IL 60014
(815) 459-6020, (800) 456-7865
FAX; (815) 459-9097
Key Personnel: Steve Moore, VP-Sales; Rick Bielski, Nat'l Sales Mgr.
Weather Guard storage boxes, drawer units and racks for pickups. Weather Guard storage shelves, lockable cabinets, parts cabinets, drawer units, bulkhead partitions and roof racks for vans. Knaack job site storage boxes, cabinets, workbenches and work stations.

Knight Safe Mfg. 10626 E. Rush St. South El Monte, CA 91733 (818) 350-6087, (800) USA-BILT FAX: (818) 350-6154 Key Personnel: Don Moore, Pres.; Dale Emmert, Cust. Svc. Mgr.; Art Corona, VP Mfg. Manufacturers of TL-15, TL-30, 'B' and 'C' rated money chests. Custom designed chests for commercial and bank equipment dealers. Dealer sales only.

KUSTOM KEY INC.
1010 Aviation Drive
Lake Havasu City, AZ 86403
(800) 537-5397
FAX: (800) 235-4728
Key Personnel: Dave Vedder, Pres.;
Michael Vedder, GM; Tony Profera, Dir.
Mktg.
Manufacturers of Neuter Bow Key
Blanks incised or embossed with
company names or custom messsages.
Also available are large bow key
blanks commonly used by hotels and
available in three styles, five shapes in
over 500 keyways. Company also
manufactures the "LaKey" blanks with
embossed graphic designs on large
bow.

See ad on page 13

KWIKSET CORPORATION
516 E. Santa Ana St.
Anaheim, CA 92803-4250
(714) 535-8111
Key Personnel: Chris Heiner, Pres.;
Mike Convey, VP-Sales; Steve Price,
VP-Mktg.
Manufacturer of locksets, leversets,
handlesets, deadlocks and other home
security products.
See ads on pages 24 and 25

LAB Security
P.O. Box 350
Napco Dr.
Terryville, CT 06786
(800) 243-8242, (203) 589-6037
FAX: (203) 583-7838
Key Personnel: Robert A. Labbe,
Chmn./Pres.; Gerald G. Roraback, VP;
Crosby J. Kelly, VP-Sales/Mktg.
Manufacturer of color coded replacement pins and original manufacturers pins, universal pin kits and original pin kits, locksmith picking instruments and professional tools.

Continued on page 54



Choose S&G
Comptronic electronic safe
locks for...security...
technology...tradition.

LAB products are the choice of professional locksmiths and the finest lock companies worldwide.

Latch-Gard Co., Inc.
P.O. Box 425
110 South Elkhart
Wakarusa, IN 46573
(219) 862-2373
FAX: (219) 862-2459
Key Personnel: Randall Moyer, Pres.;
David Geiger, VP
Latch-Gard's new products for complete latch protection. Seven new models have been added using special fasteners for a cleaner interior look.
Different model sizes allow for varying door and latch application. Models available in zinc, durondic or bright brass finish. Special jamb pin on original models prevent prying of door.

La Gard Inc. 3330 Kashiwa St. Torrance, CA 90505 (310) 325-5670 FAX: (310) 325-5615 Key Personnel: Larry Cutter, Pres.; Susan Gartner, Sales Mgr.

LCN CLOSERS
121 W. Railroad Ave.
Princeton, IL 61356
(815) 875-3311
FAX: (815) 875-3222
Key Personnel: R.C. Ivey, Mktg. Dir.;
P.J. McCormick, General Sales Mgr.
ANSI Grade One architectural door closers, Sentronic Series life safety closer/holders, concealed and surface mounted security closers, door controls that meet the newest accessibility codes for use by people who are handicapped.

See ad on page 158

LDM Enterprises P.O. box 191 Van Nuys, CA 91408 (818) 989-4100

LeFebure Corporation 308 29th St. NE Cedar Rapids, IA 52406 Key Personnel: Joseph Patton, Pres.;Ken Miller,VP Mktg. & Eng.; Al Ryan, VP-Svc.

David Levy Company, Inc.
12753 Moore St.
Cerritos, CA 90701
(301) 404-9998
FAX: (310) 404-9698
Key Personnel: David Levy, Pres.; John Latino, Sr.VP; Al Shiffman, VP
The David Levy Company is a manufaturer, importer and distributor of electronic parts & accessories. Product emphasis is on electronics for mobile electronics and installation accessories. A major division is Black Widow Vehicle Security which includes a full line of alarms and accessories.

L.J. Security Products
908 North Louise Suite #5
Glendale, CA 91207
(818) 244-6648
Key Personnel: Y.J. McCall, Pres.; L.
McCall, VP; D.A. LaTour, Adm. Asst.
Safes, vaults and custom safe
manufacturing is our specialty.
Specialized security equipment in all
phases of physical deterents.

Liberty Hardware Mfg. Co. 928 Alton Pl.
High Point, NC 27263 (800) 542-3789
FAX: (919) 434-3364
Key Personnel: Ray Plunkett, N'tl.
Sales Mgr.; Karon Walls, Acct. Rep.;
John Hall, Acct. Rep.
Liberty celebrates its 50th year in the door hardware business. Among our many products we specialize in interchangeable core products.

Liberty Safe and
Security Products Inc.
316 W. 700 S.
Provo, UT 85601
(800) 247-5625
FAX: (801) 373-9525
Key Personnel: Jay Crosby, Pres.
Liberty Safe and Security manufactures
18 distinctive models of the most technologically advanced home safes in the world...safes that are not only secure, but attractive, functional, and affordable as well. We offer the highest standard of quality at an affordable price.

Lifetime Auto. Prod., Inc. 5000 Quorum Dr., Ste 600 Dallas, TX 75240 (214) 392-2886 FAX: (214) 392-2411 Lifetime Automotive Products markets the award-winning Spare Key Locking Gas Cap™. This ingenious gas cap has a secret compartmene where motorists can store spare keys so they'll never lock themselves out of their car. The compartment is protected by a Presto® combination lock . Locksmiths have been selling it successfully nationwide.

Lifetime Products
Rt. 78 South
Kewanee, IL 61443
(309) 853-3387
FAX: (309) 853-3389
Key Personnel: Jean Kaine, GM; Jim
Themanson, Mktg. Mgr.; Lanny
Hulslander, Sales Mgr.
Lifetime's lift-a-load elevating platform
trailer raises the load from the ground
up to 54" high. Ideal for delivering
safes, ATM's and vault doors. 4,000 lb.
to 15,000 lb. capacities.

LINDUSTRIES, INC.
21 Shady Hill Rd.
Weston, MA 02193
(617) 237-8177
Key Personnel: Willard H. Lind, Pres.;
Louise T. Lind, VP
Lindustries, Inc. manufacturers for
distributors and locksmiths Leveron, a
product that covnverts all standard
doorknobs to lever action. Leveron is

installed without removing in-place hardware and has no visible means of fastening. Code complaint, Leveron has Veterans Administration approval and was designed to address ADA requirements.

See ad on page 170

Litton Poly-Scientific
1213 N. Main St.
Blacksburg, VA 24060
(800) 336-5917 (Sales)
(800) 336-8855 (Technical Services)
FAX: (703) 953-1841
Key Personnel: Robert G. Sterrett,
Natl. Sales Mgr.
Terminus Perimeter Intrusion
Detection System including shock
sensors for windows, walls fences,
safes, vaults, display cases and ATMs,
available in standard and recessed
models; audio discriminators and
piezo sensors for glass break detection;
and SuperVision Series 2000 security
monitoring and access control system
featuring windowing architecture and
icons.

Lock Corporation of America
Hwy. 14 North
P.O. Box 71
Viroqua, WI 54665
(608) 637-8428
FAX (608) 637-8427
Key Personnel: Thomas Rust, GM;
Karen Olson, Office Mgr./Inside Sales
Mgr.
Lock Corporation of America
manufactures torsion tumbler cylinder
(double-sided key) and multi-lever
(flat key) locks. The following styles
are available: cam, drawer, cabinet,
push and locker locks.

Lock Technology Corp.
685 Main St.
New Rochelle, NY 10801
(914) 632-4373
FAX: (914) 632-6407
Manufacturers of high security key machines. Manuacturers of locksmith specialty tools.

Locknetics Security Engineering 560 Birch St.
P.O. Box 9337
Forestville, CT 06010
(203) 584-9158
FAX: (203) 584-2136
Key Personnel: James Scott, Pres.;
George Nortonen, VP-Mktg./Sales;
Koleen Mazzochi, Cust. Svc. Mgr.
Locknetics Security Engineering designs, manufactures and markets a broad line of electromagnetic and electro-mechanical security and door control systems. Our new generation of electronic security systems sets a worldwide standard for strength, precision and performance and is used to produce a variety of security and life safety solutions.

LOCKSOFT, INC. P.O. Box 3168 Bristol, TN 37625-3168 (615) 652-2454 FAX: (615) 652-2797 Key Personnel: Jon Payne, Pres.; Billy

B. Edwards Jr., GM; Adam Baum, VP. Locksmith industry software, masterkeying, key records, codes, point-of-sale, and accounting. Free catalog.

See ad on page 19

Lok-ITT Co.,Inc. 27000 Richmond Rd. Solon, OH 44139 (216) 349-0110 FAX: (216) 349-2447 Key Personnel: Hugh J. Webster, Pres.; Lloyd Woods, OM The Column Lock - Auto-Anti-Theft Device.

LORI LOCK, DIVISION OF INTERNATIONAL SECURITY PRODUCTS
Old Turnpike Road
Southington, CT 06489
(203) 621-3605
FAX: (203) 621-5972
Key Personnel: Andy Meade, Pres.;
Ken Theriault, VP Op.; AJ Meade,
Nat'l. Sales Mgr.
Manufacturers of solid brass mortise,
rim and insert cylinders, mortise
cylinder deadlocks, Jimmy-proof
rimlock, super blocker, mailbox and
cabinet locks.

See ad on page 139

Lucky Line Products, Inc. 7890 Dunbrook Rd. San Diego, CA 92126 (619) 549-6699 (CA), (800) 654-6409 (Nat'1) FAX: (619) 549-0949
Key Personnel: Ray Howard, Pres.; Jan Howard, Adv. Coord.; Stephanie Hayo, Cust. Svc.
Lucky Line Products, Inc. is a leading supplier of popular key rings and key accessories. Included in their product line are the Twisty, Fix-O-Loc, Secure-A-Key and I.D. key rings.

Lund Equipment P.O. Box 213 Bath, OH 44210 (216) 659-4800, (216) 659-4128 FAX: (216) 659-9347 Key Personnel: E. Howard Lund Over 50 years of producing key control systems, offering more than 70 different styles. Also offering built-to-order key cabinets to your specifications.

M.A.G. Eng. & Mfg. Inc.
15261 Transistor Lane
Huntington Beach, CA 92649
(714) 891-5100, (800) 624-9942 (except
CA)
FAX: (714) 892-6845
Key Personnel: Howard M.
Allenbaugh, Pres.; Fred F. Pannebaker,
VP-Sales/Mktg.; John Sobczak, Sales
Coord.
M.A.G. security products enable you to
repair and reinforce doors instead of
replacing them. You'll save money and
time, while improving door strength
and appearance. Also, a new line of
sliding patio door locks, heavy duty
sliding window locks, and
miscellaneous security items for doors
and windows.

Magnokrom Inc. 171 Nugget Ave. Scarborough, Ont. M1S 3B1 Can. (416) 299-0000 FAX: (416) 299-3728 Key Personnel: Edward Milic, Pres. Manufacturers of panic exit devices, surface bolts, fire rated, available in aluminum.

MAJOR MANUFACTURING, INC.
P.O. Box 768
Atwood, CA 92601
(714) 772-5202
Key Personnel: Bill DeForrest, Leroy Parker
Products-Kee-Blok-cylinder guards-Hit-Hardware installation tools.Tangle resistant cylinder springs, Schlage cylinder cap tool.
See ad on page 15

Major Metalfab Co. 370 Alice St. Wheeling, IL 60090 (708) 537-7890, (800) 323-8181 FAX: (708) 537-1120 Key Personnel: Rob Fosness, VP-Sales MMF industries manufactures a full line of key control products. Single tag and two tag systems are available in cabinet, drawer, key rack and key board styles. Key capacities range from 10 to 715 keys. In addition, MMF manufactures coin and cash handling supplies, signs and writing instruments.

Continued on page 58



Every Installation
Is a Self-Portrait
Of the Person Who Did It.
Autograph Your Work with Excellence.

Maloc Enterprises
P.O. Box 15146
Portland, OR 97215
(800) 933-657
FAX: (503) 251-2768
Key Personnel: Bill Peck, owner;
Ramona Peck, Bookkeeper.
Manufacturers of auto entry tools and books. Auto entry seminars.

Markar Products, Inc.
12715 Lewis Rd.
Akron, NY 14001
(716) 542-3001 (800) 866-1688
FAX: (716) 542-9336
Key Personnel: Stanley R. Tatara, Pres.;
Thomas J. Frys, VP; Kevin Hamilton,
Nat'l. Sales
Markar Products, Inc. manufacturers of
the patented reinforcing pivot,
aluminum continuous hinges and firerated steel and stainless steel
continuous hinges. Both pivots and
continuous hinges are used in contract,
retrofit, hospital, school and security
applications.

See ad on page 59

Marks USA
5300 New Horizons Blvd.
Amityville, NY 11701
(516) 225-5400 (800) 526-0233
FAX: (516) 225-6136
Key Personnel: George Marks, Pres.;
Sheila Rosenberg, VP Sales and Mktg.
Manufacturer of mortise, cylindrical
and tubular locksets for residential and
commercial application; mortise
deadlocks, tubular deadbolts, gate

locks and mortise locks for ornamental iron doors.

Marlee Electronics, Corp.
2501 S. Front St.
Philadelphia, PA 19148
(800) 874-8036
FAX: (215) 755-7877
Key Personnel: B. Scott Holloway,
Pres.; Kelly Lyman, Sales Doord.; Chas.
Tevis, Svc. Mgr.
Manufacturer of Entraguard products.
Advantage, LCD, PM5, PM4 telephone
access systems combined with or
separate from card access systems.
LCD and EntraKey are now available.

Marlok Company
4200 W. Diversey
Chicago, IL 60639
(312) 283-2005
FAX: (312) 283-4861
Key Personnel: Jerry Welch, GM; Dale
Reynolds, Technical Support
For over 10 years Marlok has been
supplying access control products to be
used in a wide variety of applications.
Marlok offers hardwired as well as
stand-alone type systems. The ML-9000
is known worldwide as the premeir
locking system for hotel/motel
security.

MAS HAMILTON GROUP 805-D Newton Circle Lexington, KY 40511 (606) 253-4744 FAX: (606) 253-4748 Key Personnel: G.L. Dawson, Pres.; J.D. Hamilton, Exec. VP-Sales/Mktg.; Tom Cassada, VP Eng.
The Mas-Hamilton electronic, self-powered combination lock.
See ad on page 147

Master Lock Co. 2600 North 32nd St. Milwaukee, WI 53210 (414) 444-2800 FAX: (414) 444-0322 James Beardsley, Pres.; Jim Donegan, VP Mktg. & Sales; Steve Williams, Dir. Mktg. Door Hdw. Div.

Lloyd Matheson Inc./Lockwood
P.O. Box L
Charlestown, NH 03603
(603) 826-5777
FAX: (603) 826-4186
Key Personnel: Lloyd J. Matheson, Sr.,
Pres.; Alex Matheson, VP.
Lloyd Matheson Inc. produces high
quality architectural hardware under
the "Lockwood" trade name. The
product line includes a non-corrosive
mortise lock, heavy duty cylindrical
lock, key 'n' lever lock, removable
cores, tubular and mortise deadbolts,
asylum lock and Lockwood master key
systems. The Lockwood tradition dates
back to 1878.

Maxton Security Systems 3935 Oakfield Dr. Sherman Oaks, CA 91423 (818) 788-4466 Key Personnel: Anthony B. Bennett, Pres. Manufacture lock down devices and cable attachments for securing all manner of hardware for computers,



SRi and Tech Train Productions are the automotive special ists - your best source for automotive tools, manuals, and videos.

TV's, VCR's, business machines, Faxes, etc.

MCDOWELL-CRAIG
13146 Firestone Blvd.
Norwalk, CA 90650
(310) 921-4441
FAX: (310) 921-9648
Key Personnel: Steven Craig, Brent
McDowell, VP
These Swing-A-Way Security Bars are
specially designed and manufactured
for the explicit purpose of preventing
surreptitious entry in filing cabinets
and desks. Simple to install and easy to
operate, these bars permit the use of
adjoining filing cabinets whether in the
open or closed position.
See ad on page 52

McGard Special Products Division 3875 California Rd. Orchard Park, NY 14127 (716) 662-8980 (800) 699-6887 FAX: (716) 662-8985 Key Personnel: Peter Fleischer, Sales Mgr.; Mike Reilly Manufacturers of specialized asset security products. Examples are fire hydrant locks, manhole cover locks, meter locks and other varied applications to fit individual needs.

McGunn Safe Co.
6401 W. 65th St.
Chicago, IL 60638
(708) 458-7233
FAX: (708) 458-3323
Key Personnel: Patricia S. Johnson-McGunn, Pres.; Edward T. McGunn, Chrmn.; Michael McGunn, Mgr.
McGunn Safe Company has been designing and building safes for over 51 years. We specialize in safes to handle cash for retail businesses. Our color-coded safes have helped many stores eliminate improper handling of cash diring shafts. We also build cash till safes, firesafes, truck safes and home safes.

MDS (MEDICAL DIAGNOSTIC SERVICES, INC)
1202 Oakfield Dr., Suite #102
Brandon, FL 33511
(813) 653-1180
FAX: (813) 684-5953
Key Personnel: Paul Butler, Pres.; Trudi Battle, Sales Mgr.
MDS has been serving the locksmith/safeman market for over 12 years. Their popular Focuscope™ Modular Borescope System now has over 50 easily attachable accessories! Other inexpensive diagnostic products which they manufacture include the MagnaScope™ and Probe Lite™.

See ad on page 35

MEDECO SECURITY LOCKS, INC.
P.O. Box 3075
Salem, VA 24153
(703) 380-5000
FAX: (703) 380-5010
Key Personnel: Tim Layton, Pres.;
Mike Tetreau, VP-GM
Medeco Security Locks, Inc.
manufactures high security locks and
lock cylinders. The Biaxial lock design

offers key control, masterkeying, pick and drill resistance, and is U.L. listed and patented. Medeco offers locks to a wide variety of industries, including institutions, residential, business and OEM applications.

See ad on page 9

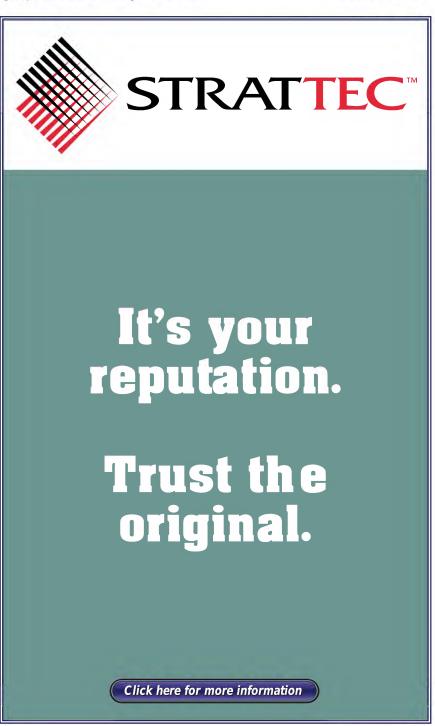
Meilink, A Division of Fireking
International,Inc.
940 Industrial Blvd.
New Albany, In 47150
(800) 888-3223
FAX:(800) 888-2231
Key Personnel: Judd Penske, Prod.
Mgr.
Meilink has been manufacturing record
safes since 1899. Its main focus is
insulated safes with varying degrees of
burglary resistance. The product line

consists of home vaults, home and office safes, commercial record safes and the Gibralter series, a TL-30 one hour U.L. rated safe available in 9 different sizes.

Meister Atlanta Corp. 3673 Clairmont Rd. Atlanta, GA 30341 (404) 4511-9700 Key Personnel: Harry Detlefs, Pres.; Renate Detlefs, Sec'y. Heavy duty strike plates H1280 and 2000.

Merit Metal Products Corp. 242 Valley Rd. Warrington, PA 18976

Continued on next page



Merit Metal Products Corp.

Continued from previous page

(215) 343-2500 FAX: (215) 343-4839

Key Personnel: Daryl T. Schaefer, Sales

Mgr. We are manufacturers of solid brass decorative hardware. Products include pocket door locks, screen door latches and bit key locks. We offer a complete line of solid brass cabinet catches, pulls, knobs and hinges available with plain bearing or ball bearings.

Meroni Locks of America 2121 West 60th St. Hialeah, FL 33016 (800) 749-5625 FAX: (305) 556-2405

Miwa Lock, Canada Box 3708 Station 'D' Edmonton, Alberta T5L 4J7 (403) 453-5226 FAX: (403) 452-7551 Key Personnel: Gary J. Mozak, Sales Mgr.

Miwa Lock's combined high technology cylinder with a full line of rugged hardware is a proven combination of restricted key security with old-fashioned virtues such as durability, reliability, and quality manufacturing. Miwa Lock products using advanced technology like the EC cylinder, utilizes coded magnetic fields while the EX cylinder is a unique hybrid that insures maximal security through the combination of both magnetic pin cylinder and construction.

Miwa Lock, USA 71 N. Peco's Suite 106 Las Vegas, NV 89121 (702) 382-9554 FAX: (702) 452-9330 Key Personnel: Will Schaff; Bob Schaff; Rex Parmelee, VP Mktg.

NT Monarch Hardware & Mfg. Co. 805 N. Buckman St. Shepardsville, KY 40165 (800) 826-5792, (502) 543-2281 FAX: (502) 543-3089 Key Personnel: W.G. Porter, Pres.; Bob McGehee. NT Monarch manufactures a complete line of dependable panic and fire exit hardware and accessories. All finishes

avaliable for quick shipment, one device or large stocking orders. NT Monarch also manufactures a complete line of door closers avaialable immediately from stock.

The M.K. Morse Company P.O. Box 8677 Canton, OH 44711 (216) 453-8187 FAX: (216) 453-1111 Key Personnel: M.K. Morse, Pres.; John F. Comune, Exec. VP; Cliff Williams, Sales Mgr. Founded in 1962, The M.K. Morse Company manufactures a broad range of cutting tools, including band saw blades, hacksaw blades, hole saws, abrasive wheels, mounted points, and the patented Real McCoy hole saws

with built-in arbors. Two of M.K. Morse's newer lines are depressed center wheels and reciprocating and sabre/jig saw blades.

Mosler 1561 Grand Blvd. Hamilton, OH 45012 (513) 867-4000 FAX: (513) 867-4062 Key Personnel: A.M. Marzano, Chm.&CEO; M.S. Battaglia, Pres. & COO; J.J. Pilcher, VP/GM-Physical Security Div. Mosler Inc., founded in 1867 and headquartered in Hamilton, Ohio, is a leading supplier of physical and electronic security systems, products and services to the financial, commercial and government commercial and government marketplaces. Among its products are UL listed vaults, vault doors, safe deposit boxes, record, money and data safes.

Mr. Wrought Iron, Ltd. 1100-11th St. SE Calgary, Alberta, Canada (403) 234-9697 FAX: (403) 237-5894 Key Personnel: Michael Morozoff, Pres.; Patrick Williams, Mktg. Mgr. Mr. Wrought Iron, Ltd. manufactures over 40 different size window bars in stock at all times. Attractive white enamel finish c/w roll bars to prevent intruders from sawing through. Distributors needed.

7640 Fullerton Rd. Springfield, VA 22153 (800) 989--9891 FAX: (703) 569-0196 Key Personnel: Carlton Moorefield, Jr., Pres. Manufacturer of quality electronic security and access control systems since 1969. Products include: Crypto Code stand-alone access control systems; Entrodyne DIAM 50-3 line monitoring equipment; Sound Alert audio discriminators.

MRL. Inc.

M.S.S. DOOR -AID 1611 West Centre St. Kalamazoo, MI 49002 (800) 527-5672 FAX: (616) 523-8663 Key Personnel: David Carambula; Dir. Sales/Mktg.
The Door-aid is a simple, automatic door operator designed to easily retrofit to commercial and residential doors. Specifically engineered to meet ANSI and ADA requirements, its rugged construction and on-demand design will provide years of virtually maintenance-free service. Versatile, patented design allows for various mounting applications and will interface with electronic security hardware. See ad on page 41

Mul-T-Bolt Corp. 54-45 44th St. Maspeth, NY 11378 (800) 622-5625, (718) 392-9000

Key Personnel: Mark Berger, Nat'l Sales Mgr. A Division of Securitech Group, Inc., Mul-T-Bolt Corp. manufactures 100% American made four-point door locking systems. Recently introduced the lock industry's first security exit device, the Series 8000 panic exit deadlock system, all bolt, no latch. Listed by UL.

Multi Lock Inc. P.O. Box 3148 Marathon Shores, FL 33052 (305) 743-2328 FAX: (305) 742-2703 Key Personnel: Jerold R. Ford, Pres.; M.E. DePalma, VP; Clarence Fulton, Plt. Mgr. Multi Lock Inc. was incorporated in 1955 and began manufacturing the rust proof wire door gate lock in 1968. The lock is completely non-ferrous and may be used in ornamental iron gates as well as wire mesh door gates. Using only three moving parts the lock is totally flexible and can hinge or slide left or right.

MULTI-LOCK CORPORATION P.O. Box 2996 2027 Harpers Way Torrance, CA 90501 (213) 320-6400 See ad on page 145

Mul-T-Lock USA Inc. 300-1 Route 17 South, Ste. A Lodi, NJ 07644 (201) 778-3222, (800) 562-3511 FAX: (201) 778-4007 Key Personnel: Avi Timor, Pres.;Ofer Ben-Yona, Tech.Mgr. Mul-T-Lock designs develops, manufactures and markets high security mechanical locking systems and related products based on original R&D and unique application techniques. Products include: four way mortise locks, high security steel doors, unique car transmission locks, and offthe-shelf items (cylinders, casehardened steel padlocks and hasps).

Mul-T-Lock Corp. 54-45 44th St. Maspeth, NY 11378 (800) 622-LOCK, (718) 392-9000 Key Personnel: Mark Berger, Nat'l Sales Mgr. Manufacturer of multiple-point locking systems with standard keyways or Medeco cylinders. 100% made in U.S.A. UL listed. New model 4100 requires no special tools for 2-3/4" backset installation in hollow metal doors. Security locks for security professionals.

Mutual Screw & Supply 68 West Passaic St. Rochelle Park, New Jersey 07662-3216

National Cabinet Lock 200 Old Mill Rd. P.O. Box 200 Mauldin, SC 29662 (803) 297-6655 FAX: (803) 297-9987

Continued on page 62

Key Personnel: Dave Bowers, Pres.; Larry Roddy, Prod. Mgr.; Bob Phillips, Nat'l. Sales Mgr.

Nat'l Sales Mgr.
Under the registered trade name of "Stock Locks," National Cabinet Lock offers over 675 packaged stocking units of pin tumbler, disc tumbler and lever tumbler products. They also provide original brass key blanks as well as other locksmith products. other locksmith products.

THE NATIONAL LOCKSMITH 1533 Burgundy Pkwy. Streamwood, IL 60107 (708) 837-2044 FAX: (708) 837-1210 Key Personnel: Marc Goldberg, Editor/Publisher; Tom Seroogy, Mg. Ed. Tom Mlodoch, Ad Sales Mgr.; Debbie Schertzing, Ad Sales Publishers of the locksmith's favorite magazine, code books, and technical manuals.

NATIONAL SECURITY SAFE CO. P.O. Box 755 American Fork, UT (800) 544-3829 FAX: (801) 756-8043 Key Personnel: Glen Nilson Pres.; Dane Farmer, VP;Steve Frandsen, Sec./Treas. A well established Utah Corporation that originated the triple-wall insulated gun safe. We manufacture 11 different models and custom walk-in vault doors. Recently chosen by Smith & Wesson to manufacture & distribute their custom safe with quad-wall construction. See ad on page 56

Nel-Tech 2515 E. Michigan Blvd. Michigan City, IN 46360 (219) 874-7500 (800) 874-2050 FAX: (219) 874-9990 Key Personnel: James Alinsky, GM. Nel-Tech has been a manufacturer of alarm and access control products for over 15 years, specializing in digital pushbutton keypads. The Stormpad Model 6SP is an all-weather keypad suitable for the harshest outdoor or indoor environments. It features lighted buttons and is sealed against rain, snow, and dirt.

The New England Lock & Hardware Company, Inc. P.O. Box 544 South Norwalk, CT 06856 (203) 866-9283 Key Personnel: John S. Hines, Pres.; Jan Brown, Sales/Mktg. New England Lock & Hardware Company manufactures the SEGAL brand vertical deadbolt and offers a complete line of bronze or iron rim locks and latches, mortise deadbolts and a full complement of cylinders ranging from simple replacement cylinders to high-security, pick resistant cylinders. All products made in USA.

New Standard Mfg. Co. 2408 Western Ave. Las Vegas, NV 89102 (702) 385-1132 FAX: (702) 382-1920 Key Personnel: Randy L. Thwing, Pres.; Kathalynn F. Thwing, Sec'y./Treas. New Standard manufactures highly adaptable brass bodied padlocks which adaptable brass bodied padlocks which accept original and aftermarket, standard and high security, knoblock cylinders of the Schlage, Arrow, Sargent & Falcon designs. Our interchangeable series accepts i.c. cylinders including Falcon, Arrow, KSP, Best, Russwin, Corbin, Medeco brands. Key retaining and non-key retaining models are available.

NKL Industries, Ltd. NKL Safe Co. 1111 Cavalier Blvd. Chesapeake, VA 23323 (804) 485-0200, (800) 528-9900 FAX: (804) 485-0271 Key Personnel: Mike Smith, Pres.; Ray Lorenzo, CEO; John McClanahan, Dir. Manufacturer of commercial and residential burglar resistant safes and window bars. Specialists in the application of computerized access control and audit systems to money safe management. The company offers a full line of options, ratings and sizes to meet the demand of businesses large

Continued on page 64



The Innovation You Expect, with the Flexibility You Need!

Norden Lock Co., Inc.
36 J Carlough Rd.
Bohemia, NY 11716
(800) 233-LOCK
FAX: (516) 563-1742
Key Personnel: Pete Norden, Pres.
Norden Lock Co. products include the
Norden Police Lock, Secur-A-Door
Lock and the Norden Double Door
Lock. Distriburion is accomplished
through major suppliesr coast to coast.
Recognition and use of our high
security locks for commercial and
residential applications increases daily.

NORTHEAST LOCK CORP.

48 Oak St. Clifton, NJ 07014 (201) 777-7509 FAX:(201) 777-7551

Northeast Lock Corporation is a semimanufacturing assembly business, specializing in Illinois Lock products. We offer custom keying to existing Illinois and Duo systems with Master keying, Grand Master keying our specialty. Our product line is complete includign switch, cabinet, and cam locks. We offer fast delivery and courteous service with capabilities of smaller runs.

See ad on page 34

Normbau, Inc. 186 Branham Way Mt. Washington, KY 40047 (800) 356-2920, (502) 538-7386 FAX: (502) 538-6400 Key Personnel: John R. Diedam, GM Normbau is a manufacturer and supplier of creative injection molded nylon hardware systems for the hardware trade and for specifications by architects and design engineers.

Northern Computers, Inc.

5007 Howell Ave.

Miwaukee, WI 53207
(414) 769-5980, (800) 323-4576
FAX: (414) 769-5989
Key Personnel: Jim Vinson, N'tl Accts.
Mgr.;Bob Boeck,Dir. Sales&Mtg.;Karl
Radke, Sales Mgr.
Access control manufacturing from
single door systems to PC based alarm
monitoring-access control systems of
over 30,000 cards and 700 doors.
Products designed to meet the needs of
the professional alarm dealer in the
90's and beyond-Member ATAPCO
Security and Communication Group.

Norton® A Division of Yale Security Inc. P.O. Box 25288 Charlotte, NC 28229-8010 (704) 283-2101 Norton is the world's largest manufacturer of door controls and closers.

NT Quality Hardware Mfg. 12705 So. Daphne Ave. Hawthorne, CA 90250 (213) 757-2281 (800) 345-8819 FAX: (213) 757-0232 Key Peronnel: Michael A. Martinez, VP Sales;Ed Johnson, Pres. NT Quality Hardware manufactures door trim and architectural builders hardware for commercial buildings. The firm also offers fine residential hardware items.

NUMBERALL STAMP & TOOL CO. INC.
P.O. Box 187
High Street
Sangerville, ME 04479
(207) 876-3541
FAX: (207) 876-3566
Key Personnel: Rick Pellerin, Sales
Mgr.
Manufacturer of key marking
equipment, and all types of metal
indenting, numbering and lettering
equipment.
See ad on page 114

O-Mega Stun Guns
3544 Overland Ave.
Los Angeles, CA 90034
(800) 553-0222 (USA)
(800) 244-STAR (CA)
Key Personnel: Zane Rothschild,
Kenny Rich (Owners)
O-Mega manufactures the highest
quality and power stun guns in the
world. 45,000-150,000 volts. 5"-18"
long. Great locksmith's secondary sales
item. Currently sold by hundreds of
locksmiths nationwide. Immobilizes an
attacker with a powerful shock. Legal,
no license required.

OEM Mfg. Inc. 194 Daniel St. Hackensack, NJ 07601 (201) 489-2184

NATIONAL AUTO LOCK SERVICE, INC.

National Auto Lock Service, Inc. offers a wide range of equipment and services for the Automotive Locksmith. From tools and hard to find key blanks to transponder programming, we can take the mystery out of car service. We accept credit card orders, and can ship COD. Contact us for the latest in automotive technology.

www.laserkey.com

FAX: (201) 343-7315 Key Personnel: Wes Zion, Pres.; Jeff Zion, GM; Ralph Rofolo, Sales Mgr. Manufacturer of pins, pin sets, tools, cabinet bars, screw machine parts, springs.

O'Keeffe's Inc.
75 Williams Ave.
San Francisco, CA 94124
(800) 227-3305 (415) 822-4222
FAX: (415) 822-5222
Key Personnel: Stacy Westhoff, Dir. of Mktg.
O'Keeffe's Inc. has over 52 years of experience manufacturing aluminum building products. O'Keeffe's GPX Glassprotex fire and safety rated door and wall systems offer unrestricted vision areas in fire rated applications. GPX framing systems are not subject to the area limitations of wire glass or ceramic glazing.

Olympus Lock
8512 20th Avenue N.E.
Seattle, WA 98115
(206) 525-5338
FAX: (206) 523-9876
Key Personnel: F.P. "Marty" Martin, VP
Sales/Mktg.
Olympus Lock manufactures pin
tumbler commercial cabinet locks.
Patented features allow easy rekeying.
Olympus locks are available on
National, CCL, Schlage, and Weiser
keyways. Other keyways can be
constructed using comversion plugs.
Olympus also produces lock bodies for
Best style IC core, Medeco high
security and Assa high security
cylinders.

Omnia Industries, Inc.
P.O. Box 330
Cedar Grove, NJ 07009-0330
(201) 239-7272
Key Personnel: Alberto R. Comini,
Pres.; Fred Marzullo, Prod. Mgr.; John
L. Barwick, Sales Mgr.; Denyse P.
Comni, Director-Adv./Merch.
Omnia manufactures solid brass
builders' hardware since 1964. The
company offers entry sets, interior
latch sets, narrow stile mortise locks
with trim, cremone bolts, surface bolts,
door stops, door knockers,
switchplates, house numbers, cabinet
hardware and bath accessories.

Optex (USA) Inc.
365 Van Ness Way, Ste. #510
Torrance, CA 90501
(800) 966-7839
FAX: (310) 212-7604
Key Personnel: Ned Morioka, Sales
Mgr.;Angela Blankenship, Tech. Sup.
OPTEX, U.S.A. Manufacturer of
PASSIVE INFRARED sensors, Access
Control systems and Wireless Sensor
and Annunicator Systems.

OSI Security Devices 505 W. Olive, Ste. 757 Sunnyvale, CA 94086 (408) 720-0909 FAX: (408) 720-9034 Key Personnel: Alan Weiland, VP; Gina Gass, Sales/Cust. Svc.; Dick Frey,Tech.Svc.Mgr.
The OmniLock M is a self-contained access control system in a rugged door lock. It works with the wireless printer to form a complete system that records the identity and time of entry of 250 individual users, plus provides time scheduling capabilities. Because of its versatile design, the OmniLock is installed in minutes and suits most applications.

Pacific Security Products 307 S. Raymond Ave. Alhambra, CA 91803 (818) 570-4655 FAX: (818) 289-2326 Key Personnel: Denise Ambrose, Pres. Manufacturer of fire safes, floor safes, "C" and "B" rated chests, rotary hoppers, depositories. Convenience store safes our specialty. Special quotes available on cash handling systems.

Pad-Pro Lock Products, Ltd.
Site 26, Box 26
RR#1, Windsor Jct.
Halfax County, Nova Scotia B0N 2V0
(902) 861-2683, (902) 860-0477
Key Personnel: Rolland Gaudet, Pres.
Pad-Pro, a patented weather protector
for padlocks, prevents freezing in the
winter months and rusting and
corrosion year round. It is made of
tough polyproylane and fits padlocks
up to 2-1/2" in diameter. Once a
padlock is installed in Pad-Pro, PadPro cannot be removed without taking
the padlock off.

Paragon Security Corp.
10 Taylor St.
Freeport, NY 11520
(516) 546-0855
(800) MR ALARM (outside NY)
FAX: (516) 546-0873
Key Personnel: A. Harold Wallach,
Pres.; Miriam S. Wallach, VP; Sidney
Mandelberger, Nat'l. Sales Mgr.
Automotive vehicle security products:
expandable 2-wire RF remote control
alarm, full features RF remote control
starter-interrupt systems. Automotive
vehicle security accessories: shock,
glass and anti-tow detectors, sirens and
door lock modules. Marine alarms and
marine accessories. Automatic
headlight activators, magic switch and
anti-car hijacking system.

S. Parker Hardware Mfg. Corp.
Parker Drive
P.O. Box 9882
Englewood, NJ 07631
(201) 569-1600
FAX: (201) 569-1082
Key Personnel: Chas. Silberman, Pres.;
Toby Bernstein, Exec. VP; Bob Schaeffer, Sr.VP.
Established in 1899, S. Parker Hardware
Mfg. Corp. now manufactures and
imports a broad line of quality Builders
Hardware products, including ADA
door closers, U.L. Grade 2 Locksets and
lever sets, hinges, continuous hinges,
solid brass or steel tubing and fittings,
Narrow Stile locks and latches,
levers, push/pull paddles for same, and
a wide assortment of U.L. panic devices.

PDQ Industries Inc.
2754 Creek Hill Rd.
Leola, PA 17540
(800) 441-9692
FAX: (717) 656-6892
Key Personnel: Bill Tell, Pres.; Fred
Deisher, N'tl Sales Mgr.; Merlin
Bordner, Op. Mgr.
Offers a complete line of Grade 1,
2, and 3 cylindrical locks, mortise locks,
and deadbolts. Locksets are available
in a variety of functions, finishes, and
23 different keyways. The commercial
grade locksets are UL approved and
meet ANSI specifications. PDQ locks
with lever handles meet all
accessibility requirements of the
Americans with Disabilities Act.

Peerless Sales Co.
1950 Hawthorne Ave.
Melrose Park, IL 60160
(708) 865-8870, (800) 729-0307
FAX: (708) 865-2941
Key Personnel: Walter Snodell, Pres.;
Frank Briggs, Mktg. Dir.; Dustin
Vallaly, Dir. of Sales
Peerless manufactures the world's
largest and most complete line of
television, audio visual, video recorder
and closed circuit television accessory
products. The many products include
security fasteners, security hardware,
stands, mounts, carts and brackets for
the desk, wall and ceiling.

Pelco
300 W. Pontiac Way
Clovis, CA 93612
(800) 289-9100
FAX: (800) 289-9150
Key Personnel: Tom Grogan, VP Sales & Mktg.; Alan Jorn, Sales Mgr.
Manufacturer of closed-circuit television systems for security and surveillance. Products include cameras, lenses, remote positioning devices, switches, controllers, monitors, camera housings. Quick turnaround.

The Penetrator 7370 Turkey Point Dr. Titusville, FL 32780 (407) 267-0700 Key Personnel: Lew F. Noyes, Jr. CML, Owner; Eleanor M. Noyes, Owner The Penetrator is alive and well but has a new address. It is the finest safe drilling rig on the market. Its features are lightweight, controlled drilling and a thrust bearing which relieves all pressure from your drill motor. Price has remained the same since 1985. Made in the USA.

PERMA VAULT/
BONAFIDE FACTORY PRODUCTS
P.O. Box 473
Huntingdon Valley, PA 19006
(215) 364-0330
Key Personnel: Marvin Sobel, Pres.;
Irving L. Plaksin, Exec. VP;John
McDonnell, VP Sales/Mktg.
Manufacturer of Perma Vault drop
boxes, hopper safes, wall safes, money
chests, B & C rated safes and custom
safes.

See ad on page 46

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Perry Blackburne, Inc. 354 Pine St.
Pawtucket, RI 02860 (800)556-7474 (401) 725-1400 FAX: (800) 447-3779 (401) 725-7611 Key Personnel: Perry Mermelstein, Pres.; Edward Paul, Exec. VP; Lisa Padgett, Dir. Cust. Svc.
Manufacturers and direct importers of key accessories, key rings and related products for the locksmith. Realistic pricing policies. Established almost 40 years under the same ownership. Our line will always make you money. Distributorships available, call today, Toll-free or use our toll free fax line.

Personal Security 160 Benmont Ave. Bennington, VT 05201 (802) 442-4903 FAX: (802) 442-3823

PHOENIX INDUSTRIES INC.
P.O. Box 38
Linwood, KS 66052
(913) 723-3203
FAX: (913) 723-3507
Key Personnel: Jeff Coatney
Since 1979, Phoenix Industries has specialized in the manufacture of a constantly expanding line of high quality door bars.

See ad on page 90

Photonic Alarm Products, Inc. 8130 W. 26th Ave. Hialeah, FL 33016 (800) 237-8277 Dade Co. FL: 556-4888 FAX: (305) 558-5092 Gordon Grossman, Pres.; Robert Putrino, GM Photonic Alarm Products produces the LiteChain, a fiber optic cable which cannot be broken ithout sounding an alarm. The thin, flexible loop makes it safe and easy to install.

Pliant Plastics Corporation
6259 Norton Industrial Center
Muskegon, MI 49441
(616) 798-7935
FAX: (616) 798-7525
Key Personnel: Curtis Chambers, Pres.;
Frank Breveglieri, Mktg. Mgr.; Tom
Bishop, Sales, Spec. Prod.
Pliant Plastics Corporation is a custom
injection molder of small engineering
grade thermoplastic parts. A patented
product named "keyglove" is available
in a variety of colors, with space for a
logo and/or other advertising. Easily
assembled to a key, it customizes,
identifies, and classifies.

POWER ACCESS CORPORATION
P.O. Box 235
Collinsville, CT 06022
(203) 693-0751 (800) 344-0088
FAX: (203) 693-0641
Key Personnel: Nils Sellman, Pres.; Mike Carlson, Sales Mgr.
Electro-mechanical door opener retrofits most side hinged doors to automatic opening. Unique feature is that arm does not attach to door - so door may be used manually at all times. Inter-faces with electric strike for

door security. Widely used for interior and exterior doors. Helps to solve ADA compliance problems. See ad on page 20

PRESO-MATIC LOCK CO., INC. 3048 Industrial 33rd St. Fort Pierce, FL 34946-8694 (407) 465-7400 FAX: (407) 461-1050 Key Personnel: Albert C. Sanowskis, Prés.; Mary Ann Sanowskis, Sec'y./Treas. Preso-Matic pushbutton combination door locks are mechanically operated. Four digit combination locks have 10,000 possible combinations; seven digit locks have 10,000,000. PM locks can be mastered with six digit masters. Double combination locks operate by combination on both sides of the lock. New narrow style lock for narrow style glass doors. See ad on page 114

Presto Lock Inc.
A Franzen Company
100 Outwater Lane
Garfield, NJ 07026
(201) 340-1007
FAX: (201) 340-2705
Key Personnel: Eberhard Franzen,
Pres.; Carmine Rossi, VP Sales; Tim
Mann, Sales
Combination padlocks for all types of
cases and lockers as well as deadbolts
for doors and windows. All are
resettable without the need of special
tools.



We have it all.
Quality, Value,
& Service.

Pride Barco Lock Company
116 North Nopal Street, Suite 4
Santa Barbara, CA 93103
(805) 965-8819
FAX: (805) 965-8819
Key Personnel: Armand J. Renga, Pres.
John E. Topliffe, Sales Mgr.; Allen St.
James, Mtg. Consultant.
PRIDE BARCO introduced Pri-Va-Cee
indicator door locks in 1960. In 1989 a
dead bolt with a blank cover for
adjoining rooms was added. Recent
additions are: Cover Plate for
converting pre-drilled doors, MAIL.
SAFE and Pri-Va-Cee Center for
personal privacy and security.

Prime Line Products Co.
4185 Hallmark Pkwy.
San Bernardino, CA 92407
(714) 887-8118
FAX: (714) 880-8968
Key Personnel: Dick Crowther, Pres.;
George Sutphen, VP; Dick Ugland, N'tl
Sales Mgr.
Replacement hardware for windows &
doors (includes: all types of patio
doors, windows, screen doors &
window screens); door reinforcing
sleeves; high security strikes;
screen/storm door latches and closers;
mail box locks, and restroom partition
hardware.

PRO-LOK 1060 N. Batavia Bld. C Orange, CA 92667 (714) 633-0681 FAX: (714) 633-0470 Key Personnel: Adam Weinraub, Pres.; Steve Sharpe, VP; Lori Weinraub, Cust. Svc.
Manufacturer of car opening tools, technical manuals, lock picks, installation tools, credit card keys, keymaster code machine key decoders, no spill key hooks, key tag systems, auto encyclopedia, file cabinet locks, lock and safe scopes, auto opening lights and other locksmith specialty tools.

See ads on pages 29-31

Programmed Marketing, Inc. 260 West Ave. Stamford, CT 06902 (203) 353-1200 FAX: (203) 348-3473 Key Personnel: Nick Ohnell; Ted Grejtak Hudson Lock.

Proprietary Controls Systems Corp. 18528 Dominguez Hills Drive Rancho Dominguez, CA 90220 (310) 638-0400 FAX: (310) 638-6204 Key Personnel: Mas Kosaka, Pres.; Bob Takahashi, VP Finance; Hanan Rozner, VP Op. PCSC is a design and manufacturing company of integrated systems for access control, alarm monitering, elevator control and output control. Systems range from single door to multiple door systems. Sales is through qualified distributors and dealers worldwide.

Pryor Safe & Lock Company 3532 English Ave. Indianapolis, IN 46201 (317) 352-1281 FAX: (317) 352-1213 Key Personnel: Stanley Pryor, owner. In-floor safe head replacements. Seventeen (17) different models available. Parts also available.

Qualtec Data Products, Inc. 47767 Warm Springs Boulevard Fremont, CA 94539 (510) 490-8911 (800) 628-4413 FAX: (510) 490-8471 Key Personnel: Gary Torres, VP/Sales; Maureen Wilner, Cust. Svc. Rep. Qualtec Data Products, Inc. has been manufacturing PC security products since 1984. They have over 70 products ranging from low-cost theft deterrents to data security hardware to high-end anti-theft products. Qualte's security product line is designed to protect most computer models, peripherals and other business machines.

R&D Tool Co.
7705 R.C. Gorman Ave. N.E.
Albuquerque, NM 87122-2774
(505) 828-2664
FAX: (505) 857-0642
Key Personnel: Douglas Joosten, Rl.,
Pres.; Ruth Joosten, Sec'y./Treas.
We have been in business a number of
years manufacturing and selling the
GM pickset. It will pick and decode
GM side-bar locks. Also have a sidebar set for the Ford 10 cut design lock.

Continued on next page



It's not safe unless it's Schwab Safe.

Continued from previous page

RB Enterprises
P.O. Box 152
Clovis, CA 93613
(209) 348-1722
FAX: (209) 294-1636
Key Personnel: Robert Barr, COO.
The Moniter 4000 - Door control through electronics exit doors - receiving doors - store room doors, etc. - controls door during business hours even if management forgets.

Reading Body Works, Inc.
Hancock Blvd. & Gerry Street
Reading, PA 19610
(215) 775-3301, (800) 352-2206 (In PA),
(800) 458-2226 (Outside PA)
Key Personnel: Jack O'Donnell, VP-Sales
Manufacturer of service bodies, stake
and platform bodies, crane and aerial
bodies, enclosed and walk-thru bodies,
pickup caps, pickup and van
accessories. Available in corrosionresistant A-60 galvannealed steel or
weight-saving aluminum. Exclusive
Lectro Life priming system. Three and
five year limited warranties.
Distribution network throughout US.

Redi-Line Generators
4301 Kishwaukee St.
Rockford, IL 61109
(815) 226-3030
FAX: (815) 226-3148
Key Personnel: James C. Dunlea,
Product Mgr.; Becky Miller, Cust. Svc.
Redi-Line Electric Generators provide
power whenever and wherever you
need it. Lightweight rugged design
and maintenance free operation
insures reliable, plug-in and run
performance. With nine models from
350-1600 watts, Redi-Line is the
durable on-demand power source for
the locksmith industry.

Reed® Exit Hardware
A Division of Yale Security Inc.
P.O. Box 25288
Charlotte, NC 28229-8010
(800) 438-1951, (704) 283-2101
FAX: (800) 338-0965
Key Personnel: Charles J. Strauss, Dir.Sales; Don Schuett, Cust. Svc. Rep.;
Patricia Reavis, Cust. Svc. Rep.
Reed® offers a full line of architectural-grade exit devices. The complete line includes the basic 2000 Series Exit Device, the 4000 Series Exit Device, the 4000 Series Exit Device, with CA405 trim and any of five major keyways, and the architectural-grade 9000 Series Exit Device. Reed is a division of Yale Security Inc.

Reilor Inc.
417 Caredean Dr.
Horsham, PA 19044
(215) 956-0550
FAX: (215) 956-0553
Key Personnel: Richard Charney,
GM/VP.
Manufacturer of door closing devices
under the "Gibcloser" brand name.
Closers for doors up to 150 pounds, UL
listed. Easy installation. Manufactures
concealed hydraulic closers for doors
weighing up to 150 pounds.

Re-Inforcer Locking Bar 432 N. Tustin Orange, CA 92667 (714) 633-6520 Key Personnel: Joe J. Adamo For aluminum stile doors, the Re-Inforcer Lock-Bar System actually joins the door and jamb together as an inseparable unit, and in the case of double doors, joins the doors together.

REV-A-SHELF, INC.
2409 Plantside Dr.
Jeffersontown, KY 40299
(502) 499-5835
FAX: (502) 491-2215
Key Personnel: Kevin Jones,
Pres.;David Noe, N'tl. Sales Mgr.;Doug
Draut, Mtg.Svcs.Mgr.
Rev-A-Shelf, Inc.® markets our
magnetic lock and key security system
under the brand name of Rev-ALock®. This product is easily installed
and is great for nightstands and
furniture, bathroom vanities, medicine
cabinets, cutlery drawers, liquor
cabinets, and much, much more. This
brand features interactive packaging
and a full merchandising program.

Rixson-Firemark
A Subdivision of Yale Security Inc
9100 W. Belmont Ave.
Franklin Park, IL 60131
(708) 671-5670
FAX: (708) 671-5479
Key Personnel: Robert C. Johnson,
Gen. Sales Mgr.; Debbie Crown, Sales
Mgr.; Carol Houk, AHC, Mktg. Mgr.
Rixson-Firemark offers a full line of
industry-leading floor closers, pivots,
overhead stops and holders, surface
closers, flushbolts, and coordinators.
Rixson is a subsidiary of Yale Security
Inc.

Rodann Electronics Mfg. Co.
3100 Airway Ave. #128
Costa Mesa, CA 92626
(800) 366-7010
FAX: (714) 662-3171
Key Personnel: Alex Skarbek, Pres.
Rodann Electronics is a manufacturer of Passive infrared & Photoelectric annunciators. From the most basic self-contained unit to our most popular heavy duty hard wired AV-100 to a wireless system, Rodann will meet all you door announcing need. We also offer special application sensors & exit alarms.

ROFU INTERNATIONAL CORP.
3725 Old Conejo Rd.
Newbury Park, CA 91320
(805) 499-0316 (800)499-0316
FAX: (805) 499-3154
Key Personnel: Len Guyt, VP
Rofu International Corporation stocks
for immediate delivery a wide
selection of electric strikes, high
security electric strikes, electromagnetic locks, switches, lockshields,
keyless access control systems and
installation hardware.

See ad on page 17

Rollson Industry, Inc. 3600 Wilshire Blvd., Suite 1732 Los Angeles, CA 90010
(213) 386-9188
FAX: (213) 386-8198
Key Personnel: Ralph Wolf, Sales Mgr.
Rollson markets a complete line of surface mounted door closers. Service is our Number 1 commitment.
Consider Rollson door closers the next time you place an order.

Rothley Brass P.O. Box 429 501 Railroad St. Taylorsville, KY 40071 (502) 477-8822 (800) 542-7562 FAX: (502) 477-8831 Key Personnel: Tom Jennings, Pres.; Gary Jouvelakas, VP Sales

Roton
Division of Hager Hinge Co.
1115 N. Ellsworth
Villa Park, IL 60181
(708) 941-0900
FAX: (708) 941-0113
Key Personnel: Warren Hager, Sales
Mgr.
Roton manufactures continuous gear
hinges which are applied to the full
height of door and frame. Made of
extruded aluminum alloy, Roton
inges are used in contract, retrofit,
school, hospital and security
applications for high-frequency doors
with weights up to 1000 lbs. supported
by shock absorbent, molded bearings.

Rudolph-Desco Company, Inc. 580 Sylvan Ave. P.O. Box 1245
Englewood Cliffs, NJ 07632 (201) 568-4920
FAX: (201) 568-0971
Key Personnel: Hans Bauman, Sr. VP; Michael Simond, VP "Door Spy," the only four-way door security viewing device letting you see left, right, forward and below your door 90% distortion free up to 20 feet or more. UL approved, patented, registered trademark.

Rutherford Controls, Inc.
2697 International Pkwy. Bldg. #3, Ste.
#122
Virginia Beach, VA 23452
(804) 427-1230
FAX: (804) 427-9549
Key Personnel: Tracey Rutherford, US
OP; Dave Halls, US Sales Mgr.; Terry
Hein, GM.
Rutherford Controls is a North
American general improter and
product designer. The product lines we
represent are electric strikes and
locking devices and Conford electromagnetic locks and accessories.
Rutherford markets all products
nationally through locksmith,
hardware, access control and alarm
distributors.

Rytan, Inc. 2908 Oregon Ct., I-5 Torrance, CA 90503 (310) 328-6553, (800) 841-3919 (CA), (800) 447-9826 (Nat'l.) FAX: (310) 212-6002 Key Personnel: Mike Sopko, Pres.;

Continued on page 70

Carol Silbaugh, Mktg.; Sam Sopko, Cust. Supp. Key machine manufacturer, lock picks, hand tools, new product development,new product design and manufacturer.

Safe Corporation
1779 Valtec Ln.
Boulder, CO 80301
(303) 444-5023
FAX: (303) 440-0428
Key Personnel: Brian Hambleton,
Pres.; Lorraine Hambleton, VP-Sales
Safe Corporation manufactures a
complete line of Aanon burglary safes
with the "Safetron" electronic lock,
combination or dual key lock. Safe
Corporation is a UL approved facility
and builds Eagle TL-15 and TL-30 bank
and jewelry safes. Customizing safes
with teller lockers, depositories and
various inner compartments is
accomplished quickle through the
"FasTrac" design and production
system.

Safe N' Ready
1951 Plaza Real
Oceanside, CA 92056
(800) 321-7606
FAX: (619) 758-7659
Key Personnel: Joseph Kueneman,
Pres.; Anthony Benites, Sales & Mktg.
Mgr.
Manufacturers of the Port-A-Safe and
other quick access firearm safes for
handguns and rifles, all with the
Simplex pushbutton locking system.

Safe-O-Mat Coin Locks
4408 Dunham Dr.
Minneapolis, MN 55435
(612) 927-6103
FAX: (612) 926-9502
Key Personnel: George Lundegard,
Sales Mgr.
Quick and easy-to-install Safe-O-Mat
Coin activated "deposit" locks come in
two styles "coin return and coin
collect," Designed for steel or wood
lockers and installed in the same
manner as built-in combination or key
locks.

SAFETY TECHNOLOGY
2306 Airport Rd.
Waterford, MI 48327
(800) 888-4784
FAX: (313) 673-1246
Key Personnel: John Taylor, Nat'l.
Sales; Lori Lynn Taylor, Dir. of Mktg.
STI's patented use proven products can stop what's bugging you - false fire alarms, fire extinguisher theft, smoke detector damage, vandalism of cabinet mounted fire gear, unauthorized use of fire exit doors, emergency door problems and more. Call today.

See ad on page 71

SanBar Technologies, Inc. P.O. Box 41625 Santa Barbara, CA 93140 (805) 564-6931 Key Personnel: Fred A. Barbaria, Pres. SanBar Technologies manufactures the ProxiKey™ System, a proximity single door access control system for up to 32 users. System user individually coded, individually controlled proximity keys.

C.E. Sanders
P.O. Box 17020
Tampa, FL 33682-7020
(813) 977-1101
Key Personnel: Calvin Sanders,
Owner; Carol Sanders, Sec'y.
We manufacture our own patented
products (established 1983), Hide-ThatKey Clipp™, Portable Privacy Lock
(travel lock), Thumb Square™,
Keyholders (available in black, 24K
gold plate and solid 14K gold).
Assorted desk accessories.

Sandstrom Products Co.
224 Main Street (Ship)
P.O. Box 547 (Mail)
Port Byron, IL 61275
(309) 523-2121, (800) 747-1084
FAX: (309) 523-3912
Key Personnel: Rick J. Hartsock, Pres.;;
Pat Morthland, Lubricant Div. Mgr.
Sandstrom Poxylube® lubricants are
low friction, lacquer-like products
containing fluorocarbon, molybdenum
disulfide and/or graphite pigments.
They are designed to prevent
corrosion, galling, seizing and fretting.

Sargent & Greenleaf, Inc.
One Security Drive
Nicholasville, KY 40356
(606) 885-9411
FAX: (606) 885-3063
Key Personnel: Gary D. Kepler,
Sales/Mktg. Svc.; Ned R. Urschel, VP-Sales; Gary R. Murphree, VP-Gov.
Business Dev.
Sargent & Greenleaf manufactures
Group I 6730 R-Locks and Group II
manipulation proof combination locks,
vault locks, high security key and
combination padlocks which meet
military and government specifications. Additional products: environmental padlocks, safe deposit locks,
safe handles, dials and rings, access
control, mechanical and electronic time
locks, and time delay locks.

Sargent Manufacturing Co.
100 Sargent Dr.
New Haven, CT 06511
(203) 562-2151
FAX: (203) 776-5992
Sargent offers a variety of door hardware to the locksmith including mortise and bored locks, auxiliary locks, door closers and exit devices.

Schlage Lock Co.
2401 Bayshore Blvd.
San Francisco, CA 94134
(415) 467-1100
FAX: (415) 330-5626
Key Personnel: Martin Burkhardt,
John Sweden, Peter Arezzini
Schlage Lock offers a full line of
affordable security products, including:
deadbolts, door locks, electronic
security systems, the new Key N'
Keyless electronic entry lock and
deadbolt and Primus, our new high
security cylinder.

Schwab Corp.
3000 Main St.
Lafayette, IN 47903-5085
(317) 447-9470 (800) 428-7678
FAX: (317) 447-8278
Key Personnel: Peter Neisel, Pres.; Jeff McQueen, Mktg. Mgr.
Schwab manufactures a complete line of UL rated fire resistant insulated safes, files and vault doors. These products are designed to protect paper, microforms, and magnetic media from loss during a fire. All Schwab products feature customized interiors designed to meet the user's special storage and protection requirements.

SCOTSMAN SECURITY PRODUCTS
25181 Hwy. 88
P.O. Box 456
Pioneer, CA 95666
(209) 295-7747, (800) 321-GARD
FAX: (209) 295-5833
Key Personnel: Robert R. Irmer,
Pres./GM; Elmagene Irmer, Sec'yTreas./Office Mgr.
For 22 years, Scotsman has been developing and manufacturing with pride the highest quality products for the locksmith and builders hardware industries. Choice of tubular key machines: 747E, 747X and 747XU.
Tubular key blanks. Full line of narrow-stile aluminum storefront high security protection: DorGard I;
DorGard II, DorGard III, DorGard IV,
DorGard V.
See ad on page 85

Sealeze Corp.
8013 Whitebark Terrace
Richmond, VA 23237
(800) 446-7325
FAX: (804) 743-0051
Key Personnel: Olin V. Hyde, Pres.;
Dennis Klisz, Exec. VP
As the originator of brush seal technology, Sealeze Corp. carries a full line of gasketing and thresholds to complement any door package. Sealeze also manufactures high-quality brush seals for commercial, industrial and residential applications.

Seco-Larm
17811 Sky Park, Circle Ste. E
Irvine, CA 92714
(714) 261-2999(in CA) (800) 662-0800
FAX: (714) 261-7326
Key Personnel: S.M. Hwang, Pres.;
Michael Block, Gen. Sales Mgr.
Commercial/Residential Security
Systems and Accessories including;
control panels, audio discriminators,
sirens, strobe lights, magnetic contacts,
emergency/hold-up buttons, key locks,
RF transmitters and receivers. Vehicle
Security Systems and Accessories
including: RF modular alarms, RF onepiece alarms, pagers, space
detectors, shock/motion/glass break
detectors.

Secura Key 19749 Bahama St. Northridge, CA 91324 (818) 882-0020 FAX: (818) 882-7052 Key Personnel: Eric Bernocco, Sales Mgr.; Gordon S. Morris, Mktg. Mgr. Secura Key is a manufacturer of access control products including the patented, slotless Touch Card® Reader available as a stand-alone with time zones and printouts, or with a Wiegard output; PC-based systems; Radio Key™ transmitters with individual permit/void capability; vehicle identification and voice verification systems.

Secure-It-Inc.

18 Maple Court
East Longmeadow, MA 01028
(413) 525-7039, (800) 451-7592
Manufacturer of the KablitTM anti-theft security device for physical security of computers and other office machines. Usually attaches to your equipment without drilling or gluing. Catalog available.

Securitech Group Inc.
54-45 44th St.
Maspeth, NY 11378
(800) 622-LOCK, (718) 392-9000
Key Personnel: Mark Berger, Nat'l
Sales Mgr.; Christine Johannes,
Customer Svc.
100% American manufacturer of
locksmith-only high security
deadbolts, automatic and multiple
point locking systems. Featuring
Double-Throw 2" deadbolt top rated
by consumer reports and the new
1derbolt, 1-1/2" throw deadlock. New
panic exit deadlock system is the first
four deadbolt UL listed exit device.

security locks for security professionals.

SECURITRON
1815 W. 205th St. Ste. 103
Torrance, CA 90501
(310) 618-0204 (800) 624-5625
FAX: (310) 618-0144
Key Personnel: Bob Cook, Pres.; Vince
Frallicciardi, VP-Mktg., Scott Baker,
Nat'l Sales Mgr.
Manufacturers of the Magnalock, the
rust proof magnetic lock with the
stainless steel case, the DK-20+ digital
keypad, weatherproof with the
versatility to interface with any electric
lock; the revolutionary Touch-Sense
Bar exit device; power supplies; electric
key switch panels; times; and custom
control systems.
See ad on page 129

Security Door Controls
31280 La Baya Drive
Westlake Village, CA 91360
(818) 889-1622
FAX: (818) 889-0281
Key Personnel: Dave Gerninger,
VP/Tech. Asst.; Rick Geringer, VP;
Gary Thomberg, N'tl Sales Mgr.; Kelly
Loe, Cust. Svc.
For 20 years, SDC has been
manufacturing electric locks for the
locksmith industry. Included in the
SDC product line are electromagnetic
locks, electric bolt locks, electric strikes,
digital keypads, power supplies with
battery back-up capabilities and a full
line of switch control accessories.

SECURITY FASTENER CO.
3854 Industrial Way
Benicia, CA 94510
(707) 746-8025, (800) 227-2424
FAX: (707) 746-0347
Key Personnel: Rich Ross; Bob Ross,
Mktg.
Manufacturers of all types of tamperproof fasteners: One-Way, Spanner,
Hex and Torx Pin-Socket, Break-away,
Tri-Groove, Tamper-proof Nuts, and
Sex Bolts; in steel, stanless, brass, and
aluminum...and their respective
installation/removal tools; bulk,
packaged, and assortments.
See ad on page 144

SECURITY LATCH
100 Mission Trail
Cederville, MI 49719
(800) 633-6622
Key Personnel: Robert Vanderboegh
Security Latch is used to add extra
security to doors and exits equipped
with panic exit devices.
See ad on page 64

Seismic Products
221 Ruth Ave.
Venice, CA 90291
(310) 396-9719
Key Personnel: Howard Arnold, Pres.
Key blanks for obsolete and
discontinued locks, inexpensive
tooling, special services. Low
minimum quantities.

Continued on page 74



ASP - Your Auto Service Center for the World

Select Products Limited
P.O. Box 1334
Kalamazoo, MI 49005
(800) 423-1174
FAX: (800) 423-7107
Key Personnel: Peggy Quinn, Genl.
Mgr.; Cheryl Bixby, Cust. Svc. Rep.
Manufacturer of aluminum continuous
gear door hinges. Stocked in 83", 85,
95" and 120" lengths in clear and dark
bronze in standard and heavy duty.
Custom lengths and custom colors
available.

Sensor Engineering Company
2155 State St.
Hamden, CT 06517
(203) 777-7443
FAX: (203) 776-6780
Key Personnel: Paul Parise, VP Sales & Mktg.; Frank Orlando, Prod. Mgr.
Wiegand encoded cards and keys; associated readers, combination k e y p a d - r e a d e r s; n e t w o r k communications devices; and Sensor's "Proxima", our new line of proximity cards and readers.

Sentry Door Lock Guards
P.O. Box 326
Dania, FL 33004
(305) 922-1604
Key Personnel: Michael W. Dorn,
Pres.; E. Diana Dorn, Sec'y./Treas.
Trade names: Flin-Pin, Gard-Z-Em,
Stop Thief, Interlock, K-Man, makedoor guards for in and outswing doors,
sliding door locks, hinge pins, door
viewers.

SENTRY GROUP
900 Linden Ave.
Rochester, NY 14625
(716) 381-4900
(800) 828-1438 outside NY
(800) 462-6463 in NYS
FAX: (719) 381-8559
Key Personnel: Jack Brush, Chmn.;
Dick Brush, Pres.; Doug Brush, Exec.
VP; Jim Brush, VP Mktg.
For over 60 years, Sentry® Group has designed and manufactured a complete line of UL classified Fire/Safe® containers for the home and office. Sentry's professional quality products come in a variety of shapes and sizes, depending on your protection needs. All Fire/Safe products are backed by Sentry's guarantee.

See ad on page 111

Sentrylok Corp.
33 South Service Road
Jericho, NY 11753
(516) 333-2420
FAX: (516) 333-1880
Key Personnel: Scott Kuntz, Pres.;
Robert Fox, VP; Ed Fluhr, Sales Mgr.
Sentrylok is a manufacturer of alarmed
panic hardware, electromagnectic
locks, electric deadbolt locks,
unalarmed panic hardware, and
electrified cylindrical and mortise
locks. Our panic hardware is UL listed.

Serr-Edge Machine Co. 4471 W. 160th St.

Cleveland, OH 44135
(800) 443-8097, (216) 267-6333
Fax: (216) 267-2929
Key Personnel: Linda Ribar Oakley,
Pres.
Serr-Edge Machine, manufacturers of
sharpening equipment since 1940,
provides low cost, high quality
sharpeners that increase a locksmith's
service potential. In just minutes,
scissors and shears can be
professionally sharpened. This service
increases customer traffic, and earns
repeating profits. Easy and swift
operation with professional results.

Shack'l Shield Brand Hasps 950 S. Richfield Rd.
Placentia, CA 92670
(714) 993-2752
FAX: (714) 993-4783
Key Personnel: Peter Jeanseau, Sales Mgr.
Shack'l Shield® hasp wraps hardened CRS or high-chromium stainless steel around the lock's shackle. Now, a bolt cutter can't get to it. Equally important, Hartwell's advanced hasp completely eliminates the staple and mounts with heavy-duty through-bolts. Available in four models and three sizes including a model that fits most rekeyable padlocks such as Master Lock #29 and American Lock #700 etc.

Shwayder Co. 2335 E. Lincoln Birmingham, MI 48008 (313) 645-9511 Key Personnel: Mark Shwayder, Pres.

Sibes Brass/Iseo Locks 260 Lambert Suite "K" Oxnard, CA 93030 (800) 843-4951 FAX: (805) 988-9493 Key Personnel: J. Harvey Landry, Pres.

Sieveking Products Co.
P.O. Box 4287
Rockford, IL 61110
(815) 874-4030
Key Personnel: Bob Sieveking, Owner;
Jane Sieveking, Mgr.
Manufacturers of Squeeze-PlayTM,
Clamp-KingTM, Door Core TM, E-Z
Pull, Jakstrap-flashlight holding
device. Locksmithing tools for the
professional locksmith.

SILCA U.S.A. INC.
9049 Dutton Drive
Twinsburg, OH 44087
(216) 487-5454
FAX: (216) 487-5459
Key Personnel: Barney Goldberg, VP-Sales; David Powell, GM
Silica keys and key duplicating machines featuring nickel plated brass keys, rubber headed keys and high security keys are now available directly from our facility in the US.

See ads on pages 72, 73, 140, 148

Silent Knight Security Systems 7550 Meridian Circle Maple Grove, MN 55369 (612) 493-6435 (800) 446-6444 FAX: (612) 493-6475 Key Personnel: Kit Vail, Pres.; Brian Dunn, VP Sales & Mktg.; Molly Buck, Mktg. Coord.
Silent Knight manufactures sophisticated security and fire protection systems, including: the model 2820 16-zone control communicator for access control, burglary or fire applications; 4-and 8-zone digital fire communicators, 4- and 8-zone fire control communicators; telephone entry systems; the model 9000 digital central receiver.

William Silver & Co., Inc.
31 Southwick Court South
Plainview, NY 11803
(516) 931-0391
Key Personnel: Frank Borenge, Pres.;
Jerome Goldstein, Sec./Treas.; Elain
Korenge, VP
Manufacturers of the Medeco® Biaxial
key gauge. The gauge decodes both
biaxial and standard (air) keyway cut
keys. It is easily read and fits in a shirt
pocket. Made of stainless steel.

Simplex Access Controls Corp.
2941 Indiana Ave.
P.O. Box 4114
Winston-Salem, NC 27115-4114
(919) 725-1331
FAX: (800) 346-9640
Key Personnel: Thomas E. Nazziola,
VP-Mktg.
Mechanical pushbutton combination
access controls, locks and shunt
switches.

Sinox Co., Ltd. P.O. Box 96-156 Taipei, Taiwan 886-2-7038370 FAX: 886-2-7044806, 7044809

Sleuth Security Systems
3100 Airway Ave. #128
Costa Mesa, CA 92626
(800) 473-2871
FAX: (714) 662-3171
Key Personnel: Alex Skarbek, Pres.
Sleuth Security Systems is a manufacturer of anti-shoplifting devices. Its primary products are Electronic Article Surveillance systems including tags for clothing and labels for hardgoods. Antenna systems are installed at door entrances which are designed to deter theft. Let sleuth be your loss prevention company by calling today.

SLIDE LOCK TOOL CO.
P.O. Box 386
1166 Topside Rd.
Louisville, TN 37777
(615) 577-5936 (800) 336-8812
FAX: (615) 577-5936
Key Personnel: Doug Selby, Research & Development; Elaine Selby, Mgr.
'93 Master Z-Tool Set®. The result of ongoing development, detailing over 685 models from the 1950's right up to the newest '93 showroom models. Complete set includes: Patented stainless Z-tool®, new for '93 Japanese Tool™, AutoBuster Tool™, New for '93 5th edition Z-tool manual, Flex-A-

Wedges, and canvas carry-all case. Distributors welcome. See ad on page 69

Slideline, Inc.
5216 Silver Bluff Dr.
Oceanside, CA 92057
(619) 945-0544
Key Personnel: Davie G. Hutchison,
Pres. CEO; David M. Prochaska, VP.
Manufacturers for sliding patio door
hardware. Two new products; an
automatic sliding patio door closer and
self-latching lock. Both products
provide safety, security, and energy
conservation. See your local distributor
for product availability and details.

Smart Access Inc.
124 Robin Rd., Ste. 1800
Altamonte Springs, Fl 32701
(407) 331-4724
FAX: (407) 331-0656
Key Personnel: Mehdi Daryadel, Pres.
Smart Access manufactures both single door and multiple door card access systems. Products can be interface to personal computers. The company also offers computer-based badging systems.

T.L. Snook (lights)
5716 W. Grand Ave.
Chicago, IL 60639
(312) 637-0889
T.L. Snook manufactures custom light kits machined from aircraft aluminum with super bright Xenon bulbs (state-of-the-art). Only 5/32" in diameter. Used for car openings, safe and alarm

installation and inspection for machine tools, aerospace, auto and boat mechanics. Snook will custom design a kit to fit your special needs.

H. Soss & Co.
5736 West 96th St.
P.O. Box 45707
Los Angeles, CA 90045
(800) 521-3008
FAX: (213) 670-0204
Key Personnel: Charles J. Strauss, Dir.-Sales; Ken Wright, Sales Mgr.; Nancy Hericks, Cust. Svc. Adm.
H. Soss & Company offers a full line of architectural-grade hinges and pivots. The complete line includes all types, sizes and finishes. In addition, a full line of electrified hinges as well as "Vanguard" concealed bearing hinges is available. H. Soss is a subsidiary of Yale Security Inc.

Southern State Technology 6416 Pembroke Rd. Miramar, FL 33023 (305) 989-7735 Key Personnel: Don Barraclough, Henry Sims

Specialty Hardware Products Inc.
321 Ellis Street
New Britain, CT 06051
(203) 827-0702
FAX: (203) 828-1912
Key Personnel: Gloria Lavinio.
Since 1963, Specialty Hardware
Products Inc. has been manufacturing
steel and aluminum hinges for
industrial, commercial, environmental

and marine environmental applications. SHP's EZ-3 and EZ-5 hinge kits have a universal fit with installation in 20 minutes. The kits are ideal for heavy, frequently used doors and can carry up to 100,000 pounds.

SPECIALTY PRODUCTS MFG. CO.
291 Clark St. Ext., P.O. Box 158
Plantsville, CT 06479
(203) 621-6969
FAX: (203) 621-6969
Key Personnel: David T. Randall, Pres.
Specialty Products Mfg. produces a full line of replacement lock tumbler pins in both 0.005, 0.003 increments and interchangeable core products.
Original manufacturers design pins are also available, as well as a complete line of heavy duty pinning kits.

See ad on page 100

Speco/Emco/Csi
1172 Rt. 109
Lindenhurst, NY 11757
(516) 957-8700 (in NY city)
(800) 645-5516
FAX: (516) 957-9142
Key Personnel: Mel Hulkower, VP
Sales; Eric Forman, Sales Mgr.; Angela
Caralon, Reg. Sales Mgr.
Look to the future with SPECO audio
and video intercoms that interface wirh
electric door locks. VDP 2000-Video
doorphone with doorlock interface:
WL300D door intercom with doorlock
interface.

Continued on next page



The market leader in locking systems for security, safety, and control.

Continued from previous page

SPEEDYPIK CORP.
350 Longwood Ave.
Boston, MA 02115
(617) 567-1111
FAX: (617) 277-7777
Key Personnel: William Cimino,
Inventor, Locksmtih
"Automatic key identification system"
identifies client's keys through a selfcontained computerized system.
Simply program your own keyboard
the way you like, then insert client's
keys in the universal keyholder and in
seconds the exact match is shown on
the monitor. The Speedypik will show
the hook number and key name.
See ad on page 106

Standard Wholesale Hardware, Inc. 42 Ludlow St.
New York, NY 10002
(212) 353-0450 (800) 543-LOCK
(516) 222-1620 (914) 683-0054
FAX: (212) 420-9892
Full line stocking distributors of locksmith supplies. Major brands in stock include: Medeco, Schlage, HPC, Arrow, Master, Kwikset, Russwin, Amsec, Segal, Marks, All-Lock, Yale, Ilco, Detex, LCN, Simplex, Folger-Adam, Adams-Rite, American, Norton, Auto-Security and Securitron.

Stanley Hardware
480 Myrtle St.
New Britian, CT 06050
(203) 225-5111
FAX: (203) 827-5780
Key Personnel: David Loughran,
Mktg.; Steve Curran, Sales
The nation's oldest hinge
manufacturer.

STAR KEY INDUSTRIES, INC.
29 Scott Ave.
Brooklyn, NY 11237
(718) 821-8300
FAX: (718) 821-8305
Key Personnel: Richard S. Cohen, Pres.
Star Key has been a full line key blank manufacturer for almost 50 years.Now under new management, the company is offering new products, building upon the firm American traditions established by the original founders Star Key is dedicated to the locksmith.
See ad on page 23

Steadfast Manufacturing Co.
229 Marginal St.
Chelsea, MA 02150
(617) 889-3400 (800) DIAL 911
FAX: (617) 889-2424
Key Personnel: James Fuller, GM; Bob Simeone, Nat'l. Sales Mgr.
Steadfast Manufacturing Co. manufactures anti-theft device for cars and trucks that have aroused great interest among locksmiths. The systems are sold nationwide. Its reputation for simple yet highly effective devices, together with good profit margins, have appealed widely to locksmiths specializing in car locks and auto theft repairs.

Steck Mfg. Co., Inc. 1115 South Broadway Dayton, OH 45408 (513) 222-0062, (800) 227-8325 FAX: (513) 222-6666 Key Personnel: Ray Steck Steck manufactures a complete set of car door unlocking tools as well as tools to remove car door handles and door trim panels.

Steelman/JS Products, Inc. 4083 So. Industrial Rd.
Las Vegas, NV 89103 (800) 255-7011
Key Personnel: Jeff Marshall, VP Sales/Mktg.
(800) 255-7011
FAX: (702) 362-5084
Steelman/JS Products, Inc. manufactures and distributes various products for the professional under its brand name Steelman®. The products include Bend-A-Light, (high intensity flexible light tools); Brighteyes Headlights, (used for night impressioning work, a flashlight when both hands are needed); and a new product, Inspector, a lighted adjustable inspection mirror.

Strong Arm Security, Inc.
2228 Kenry Way
So. San Francisco, CA 94080
(415) 952-7710
Key Personnel: R. Volosing, Pres.; Z.
Volosing, Rec. Sec.
Hardplate drilling equipment for opening safes. The razor sharp Strong Arm drill bits are custom ground on a diamond wheel, come in seven sizes and are economically priced. The Strong Arm drill rig is a versatile and time proven unit utilizing the Bosch 1198 drillmotor. The rig is compact.

Sully Tools, Inc.
3515 Nodding Pine Ct.
Fairfax VA 22033
(703) 689-3416
FAX: (703) 787-0869
Key Personnel: Patrick H. Sullivan,
Pres.; Nancy M. Sullivan, VP.
Sully Tools, Inc. manufactures the
famous Sully™ car entry tools,
publishes Automotive Lock Institute
technical manuals and conducts
international seminars on various
security subjects. Founded by Patrick
H. Sullivan, Ph.D. in 1984, Sully Tools,
Inc. offers engineering consulting and
new product development services to
numerous companies and government
agencies.

Super Coil
A Division of QMP Enterprises
10 Jason Rd.
P.O. Box 9
Phoenix, NY 13135
(315) 695-2000
Key Personnel: Jane Prall, Cust. Svc.
Super Coil manufactures the popular
Wrist Key Coil, Key Coil Fastener and
Belt Key Coil. These items allow keys
to be secured to the person reducing
the possibility of loss. All products
come with a one year guarantee and
are great cash register items.

Superior Lock, Inc.
35056 Cordelia Ave.
Clinton Twp, MI 48035
(313) 790-1820
FAX: (313) 469-3256
Key Personnel: Robert A. Clevio, Pres.
Since 1969, Superior Lock, Inc. has
manufactured mortise, rim, dummy
and thumb turn cylinders to supply
the O.E.M. builders' hardware, and
locksmith distributor industry.
Superior Lock, Inc. cylinders are
machined from solid bar brass,
precision drilled key cuts and pin
spacing interchange with original
systems. Manufactured in the USA.

Supra Products, Inc.
P.O. Box 3167
2611 Pringle Rd. SE
Salem, OR 97302
(800) 547-0252
FAX: (503) 364-1285
Key Personnel: Larry Springgate, Area
Mgr.; Jim Young, Mktg. Mgr.; Mark
Nevstel, Mktg. Rep.
Manufacturer of KeySafes for home
and industry. Combination style
lockboxes eliminate the need to carry
keys. Mortise and cam lock style
lockboxes can be integrated into
existing master key systems. Also
available, Lost Key Service provides for
the return of your lost keys. Products
are available through wholesale
distribution.

Synergistics Inc.
9 Tech Circle
Natick, MA 01760
(508) 655-1340
FAX: (508) 651-2902
Key Personnel: William Tetrick, Pres.;
Robert Pogorelc, Sales Mgr.
Synergistic manufactures a complete
line of access control systems for
security. Products range from our
popular ATM vestibule protection
systems to distributed processing
systems designed to provide access
control for an entire building or an
entire complex of buildings.

Systematics
A Division of Cardkey Systems, Inc.
101 W. Cochran St.
Simi Valley, CA 93065
(805) 522-5555
FAX: (805) 526-0064
Key Personnel: James Hunter, GM; Flo
Cowden, Mktg. Comm. Mgr.
Applications for Systematics products
range from single door control of a
small shop or business to control up to
four doors. The products are truly costeffective and have been designed for
easy installation by professional
locksmiths and alarm system installers.

Tamperproof Screw Co., Inc.
30 Laurel St.
Hicksville, NY 11801
(516) 931-1616
FAX: (516) 931-1654
Key Personnel: Lewis Friedman, Pres.;
George Friedman, VP; Alaina Picitelli,
Sales Mgr.
Tamperproof offers a complete line of
corrosion-resistant security screws

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76 The National Locksmith

Tamperproof Screw Company

Continued from page 76

designed to prevent vandalism and thefts, yet allows easy access to authorized personnel with the matching tools. These screws are virtually impossible to remove without the special matching screwdrivers.

Tane Alarm Products
247-40 Jericho Tpke.
Floral Pk., NY 11001
(800) 852-5050
FAX: (516) 326-9125
Key Personnel: Tab M. Hauser, VP
Sales/Mktg.
Magnetic Reed contacts with \$50-1
guarantee. Reed switches, relays,
magnetics. Recess and surface mount
plus strobes.

TANNER BOLT & NUT CORP.
783 East 42nd St.
Brooklyn, NY 11210
(800) 456-2658 (718) 434-4500
FAX: (718) 434-3215
Key Personnel: Jeff Tanner, Pres.;
David L. Kram, Sales Mgr.
Tanner stocks a full line of fasteners, anchoring systems and installation tools for the locksmith and security industries.
Call today for our complete catalog.
See ad on page 79

Taymor Industries Inc.
1586 Zephyr Ave.
Hayward, CA 94544
(510) 429-0888,
FAX: (510) 429-0397
Key Personnel: Alex Perry, San
Francisco, CA-N'tl Sales Mgr.; Andy
Zalkow, San Francisco, CA, Ad.
Mgr.; Ken Sale, San Francisco, CA, Reg.
Sales Mgr.
Distributors of Builders' Hardware for
over 40 years. Lines include: chain
door guards, door closers, door push
and pull plates, door stops, door
viewers, exit devices, door hinges,
cabinet hardware, locksets and
deadbolts, brass numbers and letters.

Tech Manufacturing 536 Halsey Ave. SE
Buffalo, MN 55313
(612) 477-5270 (800) 832-4220
FAX: (612) 477-5737
Key Personnel: Jerry Mattson, Pres.
Tech Manufacturing's combination cam lock can easily convert keyed cabinets to combination security by directly replacing a standard 3/4" diameter keyed cam lock. Locks are individually packaged on multicolored skin packaged display cards. The locks are available in three lengths: 5/8" (K2001-5/8"), (K3001-7/8") and 1-1/8" (K4001-1-1/8").

Telkee
300 S. Pennell Road
Media, PA 19063
(215) 459-1100
FAX: (215) 459-1063
Key Personnel: Anthony A. Salamone,
Pres.; Peter M. Lindley, VPSales/Mktg.
Telkee is one of the oldest and largest
manufacturers of dual tag key control

systems. Telkee systems feature a three-way visible cross index system to identify keys alphabetically, by hook number, or key number. Systems are available to hold 20 to 2200 keys.

Teskey Enterprises Inc.
17572 Griffin Lane
Huntington Beach, CA 92647
(714) 842-2378
FAX: (714) 847-0359
Teskey Enterprises is the low price leader in OEM locks, truck body hardware, office furniture hardware and custom hardware tooling and applications.

Thug Bug Corp.
P.O. Box 1062
South Windsor, CT 06074
(203) 644-4777
FAX: (203) 644-2882
Key Personnel: David Zingle, Pres.
The Thug Bug 3700 remote is a two button three-channel remote which includes starter interrupt, light flashing, valet, status LED, two transmitters, 120 DB siren, and shock sensor. Transmitter range is up to 150'.
All Thug Bug remotes carry a limited lifetime warranty.

Tice Industries 2219 N. Vancouver Ave. Portland, OR 97227 (503) 284-0122

Timber Line Supply, Ltd.
915 Sherwood Dr.
Lake Bluff, IL 60044
(708) 234-1864
FAX: (708) 234-7922
Key Personnel: Tim Peters, Sales; Jean Yeager, Cust.Svc.; Sandy Berndt, Cust.Svc.
Timberline Supply Ltd. supplies locks and locking systems to the woodworking industry. Locks range from cam locks to central locking systems. All locks feature removable cores, which allow them to be keyed or re-keyed alike or differently, in the plant or on the job site. All products manufactured by Timberline in USA.

Timtronics Technology
P.O. Box 9692
Canoga Park, CA 91309
(818) 718-0621
FAX: (818) 718-6741
Key Personnel: Lesa Conemac, Sales
Mgr.
Timtronics Technology, manufacturer
of the "Knightstick" and "Wedge
Alert" alarm systems. The
"Knightstick" secures sliding doors
and sliding windows. The "Wedge
Alert" secures inward opening doors.
Both units emit a piercing 85 db
audible alarm. These units are battery
operated and portable, for home or
travel, etc.

Trans-Atlantic Co. 440 Fairmount Ave. Philadelphia, PA 19122 (215) 629-0400 FAX: (215) 629-1282 WATS: (800) 523-9956 Key Personnel: Norman A. Millman, Pres.; Bernard Davis, VP We are the oldest (est. 1951) stocking importer of high quality, commercial and residential grade builders and security products from the many outstanding off-shore manufacturers we represent for the USA market. We specialize in locks, deadlocks, rim and mortise cylinders, panic devices, door closers and door viewers.

TRESKAT USA
Kissimmee, FL 34742-2287
(800) 645-5657
FAX: (407) 870-9696
Key Personnel: Ray Nazzaro, Pres.
Locksmith software developer.
Tradenames: CodeMaster, Perfect
Master, Keyman, Advantage, Popalok,
Kwiky, Belcat, Automaster.
See ad on page 61

TRIMCO (Triangle Brass Mfg. Co. Inc.)
3528 Emery St.
Los Angeles, CA 90023-0277
(213) 262-4191
FAX: (800) 637-"TRIM"
Key Personnel: Anita Call, Cust. Svc. Mgr.; Angeles Carrillo, Cust. Svc. Supv. TRIMCO is the trade name for Triangle Brass Manufacturing Co., which has been in the business for over 40 years. The manufactuing of high quality door hardware, including UL approved flushbolts, coordinators, push/pull latches and numerous other products anf flatgoods is more than a trade, it is our craft.

Trine Products Corp.

1430 Ferris Pl.

Bronx, NY 10461
(718) 829-4796

FAX: (718) 792-9127

Key Personnel: Gary Paley, Mktg. VP.;
Tim Harding, Sales Mgr.; Bill
Scildwachter Sales Mgr.; Chris Fein,
Mktg. Media Mgr.
Electric strikes, electric strike kits,
pushbuttons, bells, buzzers, chimes,
heavy duty and weatherproof
pushbuttons and remote control
transmitter and receivers.

Tru Hone Corporation
1721 N. E. 19th Ave.
Ocala, FL 34470
(800) 237-4663 (904) 622-1213
FAX: (904) 622-9180
Key Personnel: James Gangelhoff, VP
Tru Hone has a knife-sharpening
system for any size operation. The Tru
Hone knife sharpener sharpens both
bevels of a knife simultaneously, giving
you precision sharpening in less than a
minute. With the addition of a HG3
Hollow Grinder, knives are kept
tapered like new, resulting in easier
cutting, better steeling and longer knife
life.

U-Change Lock Industries, Inc. 1640 West Highway 152 Mustang, OK 73064 (405) 376-1600 (800) 253-5625 FAX: (405) 376-6870 Key Personnel: Russell Myers, VP Sales

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U-Change Lock Industries

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& Mktg.;Bill Dillard, Pres.
U-Change Lock Industries manufactures the patented U-Change Lock System that can be rekeyed in seconds, which increases security and saves money. U-Change Lock provides complete locksmith services for all brands of locks; also door, gate, glass and security guard services in all 50 states, Canada and Puerto Rico.

Ultra Hardware Products
9246 Commerce Hwy.
Pennsauken, NJ 08110
(800) 426-6379
FAX: (609) 663-1743
Key Personnel: Michael Seidelman,
Dan Carpey, Jerry Ruttenberg, Todd
Kendall, Matt Hamilton, Herg Breggar.
Residential and commercial door locks,
residential and commercial closers and
panic bars, home security hardware,
general builder's hardware.

U.S. Lock Corp.
77 Rodeo Drive
Edgewood, NY 11717
(800) 525-5000
U.S. Lock manufactures a complete
line of security and architectural
hardware especially for locksmiths.
The line features everything from
padlocks to panic devices and is
distributed through U.S. Lock Security
Centers, a nationwide network of U.S.
Lock authorized dealers.

U.S. Security Safe Corp.
3015 Dolores St.
Los Angeles, CA 90065
(818) 242-3156
Key Personnel: Phillip Alfeld, Pres.;
Larry McCall, VP-Mktg./Sales
High quality, low cost, fast delivery,
dealers only, no direct sales. Complete
line of-floor safes, TL-15, TL-30, C rate
burglary. Custom safes. U.S. Security
dealers sell safes. Also hoppers safes
and depository slot safes.

Valley Forge Security Products
101 Corporate Dr.
Hauppauge, NY 11788
(516) 435-1400 (800) 645-5604
FAX: (516) 435-1475
Key Personnel: Mel Minoff, Pres.; Sal J.
Saccullo, VP.
Valley Forge carries a complete line of import vehicle, ignition lock, door locks, and trunk locks. Applications cover all Japanese vehicles. Complete new illustrated catalog and application guide through 1992 is available.

Valli & Valli (USA)Inc. d/b/a Valli & Columbo,USA
P.O. Box 245
Duarte, CA 91010
(818) 359-2569
FAX: (818) 358-0743
Key Personnel: Marinella Formenti,
VP/GM
Manufacturer of Valli & Colombo,
Forges & Fusital.

Vigilante Burglar Bars, Inc. 35 Country Ridge Dr. N. Port Chester, NY 10573 (212) 328-3700
FAX: (212) 893-7168
Key Personnel: Larry Kaufman, Sales Mgr.
Manufacturers of the Vigilante Burglar Bars as well as a complete line of innovative steel security products. Sold exclusively through locksmith distributors, it is the strongest and most versatile security line available.

Von Duprin, Inc.
2720 Tobey Dr.
Indianapolis, IN 46219
(317) 897-9944
(FAX: (317) 899-9302
Key Personnel: Fred Levenhagen,
Mktg. Mgr.; Don McAtee, Sales Mgr.
Von Duprin is the leading
manufacturer of door exit hardware,
related electrical security products and
systems; electric strikes, magnetic lock,
card readers and wide range of
monitering and control products.

WD-40 Co. P.O. Box 80607 San Diego, CA 92138-9021 (619) 275-1400 WD-40: Lubricant, penetrant, rust preventative, moisture displacer and cleaner.

Watchguard, Inc.
1001 Club Lakes Parkway
Lawrenceville, GA 30244
(800) 428-4889
FAX: (404) 279-1095
Key Personnel: Nigel Spork, VP Sales &
Mktg.; Laura Myers, Asst. Sales Mgr.
Watchguard is an Australian
Manufacturer of high quality window
and patio door locks. The US
headquarters is in Atlanta, GA and the
products are stocked by most
locksmith distributors.

Weiser Lock 6660 So. Broadmoor Rd. Tucson, AZ 85746 (602) 741-6200 (800) 688-5625 FAX: (602) 741-6241 Key Personnel: Mark Studley, Pres.; Robert Hamernick, Sr. VP, Sales & Mktg. Over 80 years of manufacturing quality residential door locks.

Wesloc National 13344 So. Main St. Los Angeles, CA 90061 (310) 327-2770 FAX: (310) 324-4624 Key Personnel: Jim Gleason, VP Mktg.; Randy Skoglund, Reg. Mgr.; Jim Hill, Reg. Mgr. Weslock National full line of residential lock sets, deadbolts and entry handles.

West Coast Chain Mfg.
1460 S. Balboa Ave.
Ontario, CA 91761
(714) 923-7800
FAX: (714) 923-0024
Key Personnel: Craig Paugh, Pres.;
John Iacono, VP; Shirley
Paugh, Mktg. Mgr.
Manufacturers of Key-Bak key reels,
Mini-Bak key returns and quality key

accessories. Key-Bak is the original key reel and the standard of the industry. It is of U.S.A. origin and backed by a lifetime service policy. The company also produces light industrial chain.

Willow Bend
P.O. Box 203
Chelmsford, MA 01824
(508) 256-8508
FAX: (508) 256-9765
Key Personnel: John Hiltz, owner.
The IC-3 fiber optic inspection adaptor utilizes a flexible, 2mm(.079") diameter monofilament optical-grade fiber to illuminate hard-to-access areas. Each anodized aluminum adaptor comes complete with three fiber lengths (6", 12" and 18"). The adaptor was desogned to mate to the Mag Instruments, Inc. Mini Maglite AATS flashlight.

Wilson Bohannan Co.
621 Buckeye St.
Marion, OH 43302
(614) 382-3639
FAX: (614) 383-1653
Key Personnel: William Houck,
Pres.;Nancy Walters, Sales Mgr.;Randy
Dawson, OP. Mgr.
A manufacturer of solid brass pin
tumbler padlocks. A variety of body
sizes, shackle sizes, and shackle
materials available. Custom keying.
WB® commercial grade and Top
Brass® retail.

WILSON SAFE CO.
3031 Island Ave.
Philadelphia, PA 19153
(215) 492-7100, (800) 345-8053
FAX: (215) 492-7104
Key Personnel: Ray Wilson, VP;
Margie Wilson, Sales.
Wilson Safe has a full line of Fire Safes in their Diplomat Line. These units are tested at 1800 degrees F, S&G Locks standard on Two Hour units. The Reliance Line offers undercounter and Depository Safes, B/C Rated Steel Chests, also NEW TL-15 and TL-30 U,L. Rated Safes.

See ad on page 115

Winfield Lock 1020 W. 17th St. Costa Mesa, CA 92627

Woodward Mfg. & Sales Co., Inc. P.O. Box 217
Oosrburg, WI 53070
(414) 564-2323
FAX: (414) 564-2322
Key Personnel: Elmer Hazen, Pres.; Larry Market,VP; Jerry Johnson, Sales. Lectro Truck, a battery powered hand truck. One man moves load up to 600 lbs. and more. Maneuvers load with pushbutton ease up and down steps, on and off trucks, semis, vans, loading docks, around corners, around corners over landings, bulkheads. Strong steel construction moves with greater safety 1500 lb. load

Yale® A Division of Yale Security Inc. P.O. Box 25288

80 The National Locksmith

Charlotte, NC 28229-8010 (704) 283-2101 Yale is a full line producer of locks, door closers, exit devices and other hardware products.

YOUNG BROS. STAMP WORKS
P.O. Box 75
Muscatine, IA 52761
(800) 553-8248 (319) 263-3575
FAX: (319) 263-8003
Key Personnel: Jim Young, Pres.
Young Bros. Stamp Works has manufactured steel letter and figure hand stamps since 1904. Young Bros.
also has brass steel and steel type

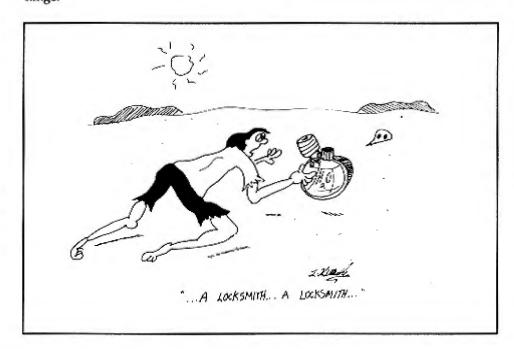
and holders in stock.
See ad on page 40

Z-Lock Mfg. Co.
P.O. Box 949
Redondo Beach, CA 90277
(310) 372-4842
Key Personnel: Jay S. Derman, Owner;
M. Curran, Operations; C. O'Brien,
Sales
Lockette and Slotlock secure computer
drive, Compulok fastens computer
case, Soundsoff locks into radio
cassette, Link-It secures notebook
computers, 280-300ZX T-top locks,
tailgate, gas cap, Corvette hood locks
and diesel fuel tank locks all use
tubular locks. Direct sourcing and
import of Taiwan locks.

Zero International Inc. 415 Concord Ave. Bronx, NY 10455 (212) 585-3230 (800) 635-5335 FAX: (212) 292-2243
Key Personnel: Elias Wexler, Pres.;
Stephen Petko, Sales Mgr.; Michael
Gardner, Plant Mgr.
Zero was founded in 1924.
Manufacturer of sealing systems for
doors and windows: acoustical, smoke,
light, air filtration, fire, handicapped.
Manufacturer of saddles including
traction tread and nosing.
Manufacturer of Unigear continuous

Join the NSO!

(See pages 134-137)





HPC, Inc.
Designing Excellence and Manufacturing
Quality since 1956

Distributors

A.A. Security Supply 85 Alpha Park Cleveland, OH 44143-2228

Absolute Security 9510 Westpark Houston, TX 77063 (713) 977-7233 (800) 880-0787 FAX: (713) 977-3373 Key Personnel: Terry Cox, Inventor, Marketing, Manufacturer "If you need it; we concieve it." If you have a need, we resolve a solution. Specializing in, but not limited to, the security field. Products to date: most popular safe dials with interchangable core; Medeco cylinder, also Medeco keyed plunger lock for showcases.

Accredited Lock Supply Co. 1161 Paterson Plank Rd. Secaucus, NJ 07094 (201) 865-5015 (800) 652-2835 FAX: (201) 865-5031 Key Personnel: Ron Weaver, Pres.; Richard Chakov, Nat'l Sales Mgr. Distributor of locksmith supplies. Complete line of all suppliers. Free delivery of safes in the NY delivery of safes in the NY metropolitan area. Access control and other electronic supplies.

Ace Lock, The Security People 5964 Baum SquareBlvd. Pittsburgh, PA 15206 (412) 363-3328 Key Personnel: Sandra Hunter, Pres.; Jim Matthews, VP; Jim Jewell , Sec'y./Treas. Distributors of Adams Rite, Arrow, Folger Adam, Medeco, Locknetics and others. Specializing in high security and electronic access control

ACE LOCK & SECURITY SUPPLY 565 Rahway Ave. Union, NJ 07083 (908) 688-7666 (800) 524-1224 FAX: (908) 688-2442 Key Personnel: Daniel Goldstein, Pres.; Robin Cherkes, VP; Stan Gabay, Dir.-Mktg./Sales. National distribution of major lock and National distribution of major lock and electric access control supplies including: Corbin/Russwin, Arrow, Yale, Ilco, Kwikset, Von Duprin, Locknetics, Securitron, Alarm Lock, Detex, LCN, Medeco, Stamley, Sargent, Marks, Folger Adam, DACS 2000, Master, American Padlock, Rofu and more.

2412 Brazos Houston, TX 77006 (713) 522-0868 (800) 451-6561 FAX: (713) 522-5769

See ad on page 40 Acme Safe & Lock Service Co., Inc.

Randy Richards, Gen. Mgr.; Ellen Richards, Purch. Agent; L.B. Kington, Sales Wholesale suppliers of all major brands of door hardware and locksmith supplies.

ACME SECURITY SYSTEMS 1922 Republic Ave. San Leandro, CA 94577 (800) 343-2263 FAX: (510) 483-8123 Key Personnel: Steve Harris, Pres.; John Ream, VP; Bob Weishaar, Sales. See ads on pages 119 and 160

Acme-Southwest Lock Supply, Inc. 1308 N. 1st. St. Bellaire, TX 77081 (713) 668-0022 FAX: (713) 359-ACME

Acme Wholesale Distributors, Inc. P.O. Drawer 13748 New Orleans, LA 70185 (An LSDA Company) Local: (504) 837-7315 Long Distance: (800) 788-2263 Branches: Houston, TX San Antonio, TX Ft. Worth, TX FAX: (504) 837-7321 Key Personnel: Mike Groover, Pres.; Jay Denniss, Sales Mgr.;Wayne Hilliard,Mktg.Mgr. Full line distributor of all major lock lines, locksmith supplies, safes, access control, automotive, and LSDA products. Dedicated to service and same day shipping from four locations: New Orleans, Houston, San Antonio,

and Ft. Worth.

Action Hardware, Inc. 3428-C Vane Ct. Charlotte, NC 28206 (800) 662-6695 FAX: (704) 372-9224 Key Personnel: Brady Woody, GM; John Healy; Davide Lovett We are one of the largest wholesale distributors of Yale and H.B. Ives in the United States. We also stock Kwikset, Schlage, Rixson, Monarch, Locknetics, and Simplex. We ship until 6:00 Eastern time. Same day shipping on stock

Adavco Security Products 3340 Tweedy Blvd. South Gate, CA 90280 (800) 235-3159 FAX: (213) 564-9622 Key Personnel: Ralph Davidson Wholesale keyblanks and key accessories authorized distributor for All-Lock, Pro-Lok, Almont, Valley Forge, Lucky Line, Silca, Satr Key Mfg. and Specialty Products Mfg. (pins). Adams Lock & Safe Co., Inc. 130 Hall St. Concord, NH 03301 (800) 635-2228 FAX: (603) 226-4983 Key Personnel: David C. Holt

180 Michael Dr. Syosset, NY 11791 (516) 921-6700 FAX: (516) 921-3577 Key Personnel: Leo A. Guthart, Chair.; Steve Roth, Pres.; Joseph Cappelletti, VP Sales. ADI offers a complete line of security, CCTV, sound, fire and access control systems and components through its 76 branches in the U.S. and Canada.

William Aikenhead Door & Hardware Ltd. 423 Comstock Rd. Scarborough, Ontario Canada M1L 2H4 (416) 755-3336 FAX: (800) 265-1100 Key Personnel: Dan Cook, Pres.; Les Eaton, VP; Dave Freeman, GM Authorized wholesale distributor of Sargent, Stanley, Canadian Builder's Hardware, LCN, Schlage, Von Duprin, as well as Unican products "in stock., in time." We spend our time saving you time.

AKRON HDW. CONSULTANTS 2579 S. Arlington Rd. Akron, OH 44319 (800) 321-9602 (Nat'l) FAX: (800) 328-6070 Key Personnel: Kenneth E. Orihel, Sales Mgr. Western Branch: 2877 N. Nevada Ste. 120 Chandler, AZ 85225. (800) 457-9378 (Nat'l.) FAX: (800) 457-8773 Akron hardware Consultants is a fullline, specialized wholesale distributor of the following lines: Corbin Architectural Hardware, Russwin architectural hardware, Adams Rite glass door hardware, Rixson architectural and fire/life-safety Rixson products, Norton door controls, and CCL Security Products. Full line product mix including parts, cylinders, and blanks. See ad on page 121

All-Ware Distributing, Inc. 135 W. 2950 South Salt Lake City, UT 84115 (801) 487-3227 (800) 662-6529 (UT) (800) 453-6430 (Nat'l)

Continued on page 86

84 The National Locksmith

Continued

Key Personnel: Jerry Zaharias, Pres.; Rolf Aase,VP; Larry Clark, Mgr. We are a complete line distributor of locksmith supplies. We also carry over 150 major lines of locks and supplies. We also rebuild key machines. Minimum order \$25.00. We ship same day if called before noon.

Allegheny Lock Co. Inc.
1006-08 Cottman Ave.
Philadelphia, PA 19111
(215) 745-1217
Key Personnel: Bob Mastrangelo, Fred
Pfeil, Eddie Pfeil, Sales Dept.
Medeco Security locks and keys-all
levels. Same day service: shipping,
keying and masterkey systems.
Medeco keys cut. Fast service on large
quantity our specialty.

Allied Locksmith Supply
P.O. Box 3137
Youngstown, OH 44513
(216) 726-0866, (800) 544-2102
FAX: (216) 726-0865
Key Personnel: Rudy R. Wiesner, Pres.;
Jim Dravec, Oper. Mgr.
For over a decade, Allied has specialized in foreign and domestic auto locks and parts, carrying one of the most extensive inventories in the country. Our knowledgeable sales staff can assist you with all your Briggs & Stratton, Auto-Security Products, All-Lock, Silca, Ilco, Pro-Lok, Continental Micro, HPC and other products

Alno, Inc.
9725 Owensmouth Ave.
Chatsworth, CA 91311
(818) 882-6028
FAX: (818) 700-1540
Key Personnel: Jack Fase, Pres.; Jessica
Allynn-Smith, Sec'y.; Stuart Klein,
Products Inv.
Distributors for our own line of fine
decorative hardware/bathroom
accessories, switch plates, pulls,
escutcheons, house numbers, all inbrass or porcelain and distributors for
Keuco, Giorgio, Chicago, Faucet,
products lines.

Alpha Door Controls, Inc.
207 Sunset Blvd.
Sherman, TX 75090
(214) 868-0099
Key Personnel: Al Gilman, Pres.; Tracy Gilman, VP
Selling to locksmiths only. Safe drills, electrical components, card readers, electric strikes, Dexter locks, American padlocks, exit devices, kit type burglary alarms, etc.

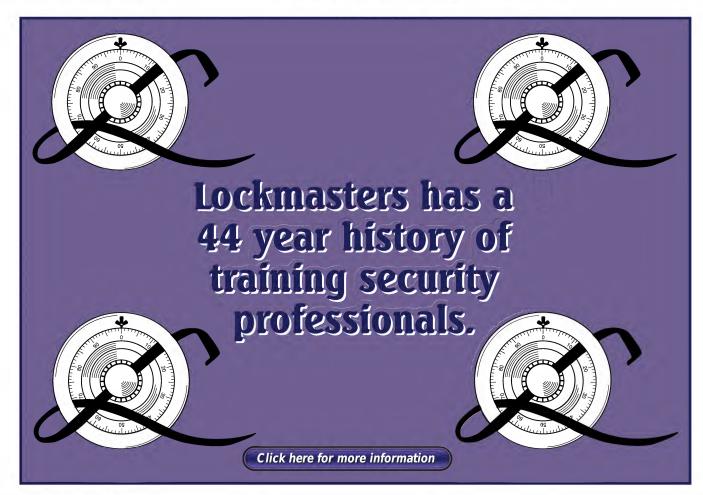
AMBASSADOR SAFE CO.
21 N. Beverywck Rd.
Lake Hiawatha, NJ 07034
(800) 999-5510
FAX: (201) 402-1447
Key Personnel: Jeff Hale, Pres.; Larry
Hale, Sec'y.; Karen Hale, Office Mgr.
Ambassador Safe Co. is the direct
importer of Ambassador safes which
are one and two hour fire safes.
Ambassador also stocks a full line of

replacment combination and key locks for Korean safes. In addition, we also manufacture "excess cash handling" and "econovault" containers. See ad on page 150

American Lock & Supply, Inc.
4411 E. LaPalma Ave.
Anaheim, CA 92807
(714) 996-8882,
(800) 854-8775, (Out of State)
FAX: (714) 579-3375
Key Personnel: Sean DeForrest, Pres.;
Bill Power, VP-Sales; Rick Myers, Dir.-Mktg.
Eleven locations throughout U.S. \$20
million plus inventory. All major lock
lines. "Value-added services" designed
to help its customers build their
businesses.

Amos Lock & Key Supply Co. 2711 Cullen St. Fort Worth, TX 76107 (817) 429-9441, (817) 335-5397, (800) 772-7432 FAX: (817) 335-5399 Key Personnel: Amos Strange, Pres.

Anderson Lock Co., Ltd. 1801 Oakton St. Des Plaines, IL 60018 (708) 296-1157 FAX: (708) 296-9259 Key Personnel: Eugene R. Anderson, Pres., CPP; Norman A. Anderson, GM



Andrew's Wholesale Lock Supply 544 South 9th St. Lebanon, PA 17042 (800) 544-0519 FAX: (717) 274-8659 Key Personnel: Richard A. Rudy, (Andy) Owner; Pat Kreiser, Mgr. A full line distributor of Briggs & Stratton and Auto Security products.

Apex Security Hardware Corp.
1201 36th Street
Brooklyn, NY 11218
(718) 438-2115 (NY),
(800) 232-1117 (Nat'1)
FAX: (718) 438-3327
Key Personnel: Eli Guth, Pres.
Apex Security, a distributor of most major lock lines since 1976, offers same day shipment at competitive prices.
Some of the lines stocked by Apex include Arrow, Medeco, Kwikset, Folger Adam, Simplex, Detex, Master, Adams Rite, Securitron, Ilco, Marks, American, Norton, All Lock, ASP, Precision Hardware, and Amsec Safes.

Aristo Sales Co., Inc.
27-24 Jackson Ave.
Long Island City, NY 11101
(718) 361-1040, (800) 221-1322
FAX: (718) 937-5794
Key Personnel: Roslyn Rosenblatt,
Pres.; Leonard Rosenblatt, VP; Joe
Lewanduski, Mgr.
Specializing in automotive security
locks and alarms, locksmith supplies
for over 50 years. Full stocking
distributor in Briggs & Stratton, AllLock, Auto Security Products, Arrow,

Segal, American, Master, Detex, HPC, Star Key Blanks, Ambassador Safes, Ilco, Medeco and Fichet, and other specialty items. Service is our business.

Arius
959 Concord St.
Framingham, MA 01701
(800) 432-3232
FAX: (508) 872-3528
Arius distribution centers in more than
60 cities supply dealers and installers
with burglar and fire alarm, CCTV,
access control and other security
products. We provide a large selection,
technical assistance, quick availability
and competitive pricing.

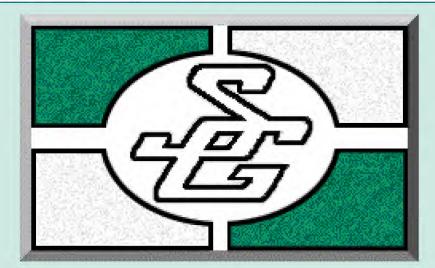
Armstrong's Lock & Supply, Inc.
1440 Dutch Valley Place, NE
Atlanta, GA 30324
(An LSDA Company)
(404) 875-0136, (800) 726-3332 (Atlanta,
GA)
(305) 651-1598, (800) 827-3332
(Miami, FL),
(813) 886-8007, (800) 829-3332
(Tampa, FL)
Key Personnel: D. Virl Mullins, Pres.;
Wade Mullins, VP; Sam Cox, Gen. Sales
Mgr.
Full line distributors of locksmith
supplies, electrical devices, safes,
automotive, locks and various other
security products. Miami branch: 1766
N.E., 205th Terrace, No. Miami Beach,
FL 33179. Tampa branch: 5507 Pioneer
Park Blvd., Bldg. B, Tampa, FL 33614.

Associated Lock & Supply 2552 Barnet Hwy. Port Moody, BC V3H 1W3 (604) 461-1622, (800) 663-1231 FAX: (604) 461-3129

Autotech Accessories, Inc.
150-77th Street
Brooklyn, NY 11209
(718) 680-8901
FAX: (718) 833-0695
Key Personnel: Jerry Petrino, Pres.;
Edward Schwartz, VP-Sales/Mktg.;
Anita Knutsen, Office Mgr.
Distributor of automotive anti-theft
systems and other automotive items.
Exclusive USA distributor of Lasso
Lock and C-Block Cassette Lock for the
prevention of car radio theft.

B.B.W. Distributors Inc.
270 Jackson Ave.
Bronx, NY 10454
(212) 993-4322, (800) 252-7766
FAX: (212) 402-4918
Key Personnel: Robert Reiss, Pres.;
Issac Stern, VP/GM
Same day shipment, vertical horizontal and pedestal, mailboxes, locks and parts. Up to 10" face plate mortise locks, Norton closers, precision, kickplates, push and pull plates, door stops and holders. Up to 7" spring hinge in stock, chimes, concept, Detex removable core, electic strikes, high security locks, Markar, American, Master, Arrow, Don-Jo keyblanks, drill hits.

Continued on next page



Make Sargent & Greenleaf's Comptronic locks your choice for electronic safe locking solutions.

Continued from previous page

B.J. Safes, Inc. 1882 S. Elmhurst Rd. Mt. Prospect, IL 60056 (708) 437-1249 (800) BJ8-SAFE FAX: (708) 981-1221 Key Personnel: TAi H. Cho, Pres.; Tom Kandl, Acct. Rep.; Bob Kulikowski, Sales Rep.

Barry Supply Co.
Division of Barry Industries, Inc.
36 West 17th St.
New York, NY 10011
(212) 242-5200
Key Personnel: B. Wein, Sales; W.
Wein, Purch.
Barry Supply Co. has been in business over 25 years. The company specializes in the manufacture and distribution of window and door hardware for replacement. Customer base is world wide. Samples are required for correct matching.

BELL'S SECURITY SALES, INC. 411 Bloomfield Ave. Bloomfield, NJ 07003-4832 (800) 772-2266 FAX: (201) 743-6357 See ad on page 157

Berg Wholesale Inc.
West Coast Warehouse
P.O. Box 29169
Portland, OR 97229
(800) 243-8887
FAX: (800) 343-0937
Key Personnel: Ken Pederson; Kent
Hammond; John Dersch, Nat'l Service
Reps.
East Coast Warehouse
374 Explorer's Cove
Altamonte Springs, FL 32701
(800) 582-8107
FAX: (407) 332-4855
Key Personnel: John Blough, Gen.
Mgr.; Steve Dean, Outside Sales Rep.
Same day shipment. Kwikset, Russwin,
Corbin. Discount pricing. Cylindrical
mortise, lever x lever locks, closers,
panic devices, deadbolts, cylinders,
keyblanks, and special keyways.
Masterkeying and construction keying
done quickly. Miscellaneous door
hardware, decorative hardware.

BISM, Inc.
20529 Old Cutler Rd.
Miami, FL 33189
(305) 251-0295
FAX: (305) 251-0035
Key Personnel: Irene Wickward, Pres.;
Bill Wickward, VP
Importers of SEYMA high security
equipment of Costa Rica. Seyma
manufactures safes for home and office
use, with two hours fire rated. They
also manufacture UL high security
safes TL30 through TRTL30x6 and a
hotel safe which you open with your
personal credit card. BISM also
represents National Security Safe Co.
in Utah.

BLAYDES LOCK CO. INC. 2335 18th St., N.E. Washington, D.C. 20018 (202) 832-7100, (800) 424-2650 FAX: (202) 832-1359
Key Personnel: Edward J. Hildebrand,
Pres.; Tom Rakes, VP; Bob Chanin,
Sales Mgr.
Mid-Atlantic area's professional
security hardware supplier since 1954.
See ad on page 66

Blue Dog Keys
P.O. Box 195429
Winter Springs, FL 32719-5429
(407) 695-1311
Key Personnel: Liam Gribben
The single most reliable source of
keyblanks in the world. Its all we do
and we do it very, very well. Bit, barrel,
safe deposit, luggage, furniture, flat
steel. Foreign and domestic.
Commercial and residential. Retail
locksmiths only please. We do not sell
to end users. Never have...never will.

Brady Office Machine Security 11056 S. Bell Ave. Chicago, IL 60643 (312) 779-8340, (312) 779-9712 Key Personnel: Bernadette Brady, Pres.; Don Brady, VP Universal security devices designed to prevent theft of computer equipment, and peripherals, all office equipment, fax machines, microwaves, TVs, VCRs and similar equipment. We also have power switch and floppy drive locks, electronic keyboard lockouts, and data protection.

BOSTON LOCK & SAFE CO., INC.
30 Lincoln St.
Boston, MA 02135
(617) 787-3400, (800) 252-5757
FAX: (617) 787-3425
Key Personnel: David Stoia, Pres.;
James C. Condil, VP; J. Norbert
Bartholomew, VP
We stock for immediate shipment one
of the largest selections of Falcon,
Baldwin, and Medeco locks. We also
stock the largest selection of S & G safe
locks, ISM, Amsec, Steelage and New
England safes for immediate shipment.
Our service department maintains
parts availability for domestic and
foreign made high-security safes.
See ad on page 62

BOYLE & CHASE, INC. 72 Sharp St. Hingham, MA 02043 (800) 462-6240 (MA), (800) 325-2530 (Nat'l) FAX: (617) 335-5342 See ads on pages 51, 53, 55, 57

C&M Tool 4418 Eggers Dr. Fremont, CA 94536 (510) 792-6613 Key Personnel: Carl Mantini Manufacturer and distributor of the sliding patio door fastener.

Canada Lock Products (An LSDA Company) 70 Floral Pkwy. Toronto, Ont. M6L 2C1 (416) 248-LOCK (5625)
(800) 387-7755 (Canada only)
FAX: (416) 248-9945 (sales)
(416) 248-8954 (purchasing)
Key Personnel: Jack Laufer, Pres.;
Steve Dyson, GM; Steve Wittenberg,
Sales Mgr.
Wholesale distributor for major
secuirty hardware manufactures for
over 50 years. Specializing in safes,
access control, electrical hardware, exit
devices, auto locks, high security
hardware, key blanks, door closers,
locksmith tools and supplies and door
hardware. Offering prompt service
throughout Canada.

Caola & Co. 2 Crossroads Dr. Trenton, NJ 08691 (609) 599-9504

Capitol Lock & Hardware Co., Inc. 3730 Georgia Ave., NW Washington, DC 20010 (202) 882-9502 Key Personnel: W. Schlegel, Pres.; B. Dillon, Mgr.; M. Bernard, Sales Full line distributor of locks, keys, key machines, high security padlocks, combination locks, electronic access controls. One of the largest stocks of locks and key blanks on the East Coast. Ship most orders from stock. Specialize in high security devices of all kinds. Ship worldwide; gives us a call.

Central Lock & Hardware Supply Co. 95 NW 166th St.
Miami, FL 33169
(305) 947-4853 (800) 677-4549
FAX: (305) 949-8945
Key Personnel: Betty Ross, Svc.; Steve Neuman, Dir. Sales; Judy Koppelman, US Sales Rep. Mgr.

City Intercoms, Inc. 16356 Alexander Run Jupiter, FL 33478-8282 (800) 248-9468 FAX: (407) 743-4456 Key Personnel: Eliot S. Sashe, VP Stocking Distributors for: Airphone Intercom Systems, Marlee Electronic (Entraguard), TekTone Sound & Signal (Intercom Products), West Penn Wire.

Clark Security Products
7140 Engineer Rd.
San Diego, CA 92111
(619) 565-7140 (San Diego, CA);
(303) 375-9200 (Denver, CO)
(602) 275-4431 (Phoenix, AZ);
(916) 372-6630 (Sacramento, CA)
(206) 467-3000 (Seattle, WA)
(301) 431-7100 (Lanham, MD)
Key Personnel: Marshall Merrifield,
Pres.
Clark Security is a wholesale
distributor of door hardware and
locksmith supplies. Clark stocks over
25,000 items from more than 250
manufacturers. Clark guarantees 100%
same day shipment of all orders called
in by 5 p.m. and call backs on all
shorts.

Continued on page 90

Colonial Lock Supply Co., Inc. 7000-G Newington Rd. P.O. Box 1417
Newington, VA 22122
(703) 550-077 (800) 732-9117
FAX: (703) 550-8857
Key Personnel: Gary Baldino, GM; Don Dassing, Sales.
Supplying: Ilco, Yale, Rutherford Controls, Amsec, American Padlock, ASSA, Falcon, Arrow, DOM and much more.

Commonwealth Lock Co. 1853 Mass. Ave. Cambridge, MA 02140 (617) 876-3301 FAX: (617) 661-3168 Key Personnel: Edward A. Mayer, Pres./Treas. We specialize in lock hardware.

Cook's Building Specialties, Inc. 414 2nd St. SW P.O. Box 834 Albuquerque, NM 87103 (505) 243-5541 FAX: (505) 843-6739

Cook's Supply Inc. (An LSDA Company) 4770 Fox St., Unit 13 Denver, CO 80216 (303) 294-0567 (Local) (800) 445-4008 (Rocky Mtn, Plain States) FAX: (303) 292-4569 Key Personnel: Jack Dunn, GM; Denise Higney, Office Mgr. Distributor of locksmith supplies and equipment, as well as various other security products. Same day shipping with great personalized service and competitive pricing. Our motto "No job too big, no locksmith too small." We know that satisfaction and service are important to you. Let's continue growing together. We thank you.

Craftmaster Hardware Co. Inc. 134 Liberty St.
Hackensack, NJ 07601
(800) 221-3212, (201) 646-9355
FAX: (201) 646-0181
Key Personnel: Michael Spingeld,
Pres.; Anthony Cani, VP Sales.
Stocking distributor of Arrow, HPC,
Ilco, Kwikset, Schlage, Star and most
major lines. Specializing in all types of
key blanks for over 35 years. Offering
the level of service only available from
a third generation family owned
business.

D&H Distributing Co. 2525 N. 7th St.
Harrisburg, PA 17110 (800) 877-1200
FAX: (717) 255-7838
Key Personnel: Douglas Byrne, Div. Mgr.
Over 70 years of distribution experience. Nine locations serving the entire U.S.A. Full stocking distributor of over 30 major brands of security, fire, CCTV, intercoms access control, and magnetic locking devices.

Diebold, Inc. 3320 Gilchrist Rd. Mogadore, OH 44260 (216) 798-5625 Key Personnel: John Boyajian, Dir. Trade names-Banklock.

DIMARK INTERNATIONAL

3117 Liberator - Unit A
Santa Maria, CA 93455
(800) 235-2435, (800) 736-1525 (CA)
FAX: (805) 928-8034
Key Personnel: Mark Pirman/Diane
Pirman
Factory representatives for Borkey key
machines and blanks, as well as other
European manufacturers. Security
boxes, key control, tools and assorted
locksmith needs. Free catalog includes
American lines such as ESP, HPC,
LuckyLine, Keedex, Major Míg., ProLock, All-Lock, ASP, Valley Forge, VelKey and others.

See ad on page 39

Direct Safety Co.
7815 South 46th St.
Phoenix, AZ 85044
(602) 978-7009, (800) 528-7405
FAX: (800) 366-9662
Key Personnel: Patrick Acton, Mktg.
Mgr.; Tom Reine, Product Mgr.
Direct Safety Company is a national catalog distributor of safety equipment to business and industry. Catalogs feature alarms, barricades, communication equipment, lighting, mirrors, signs and more.



Installation Tools

The Professionals Choice

Doormark Inc.
2519 South Blvd.
Houston, TX 77098
(713) 526-8780
FAX: (713) 526-9270
Key Personnel: Peter T. Serebrenik,
Pres.; Barbara Kretzschmar, Off. Mgr.
Doormark, Inc. is the North American
distributor for Wilhelm Grundmann
Rohrbach. This 100 year old Austrian
firm specializes in door locks, fittings
and hardware. The hardware is
available in a variety of designs and
finishes and trims both interior and
exterior applications including their
vault-like security locks.

DOYLE LOCK SUPPLY, INC.
2211 West River Road North
Minneapolis, MN 55411
(612) 521-6226
(800) 33-DOYLE, (800) 333-6953
FAX: (612) 521-0166
Key Personnel: Robert Hromadko,
Pres.; Paul Justen, GM; John Walter,
Purchasing Mgr.
Weiser, Schlage, Master, Amsec, Major,
LCN, Norton, Gardall, S & G, Rofu,
Simplex, Medeco, Locknetics, Yale and
ASSA. Complete line of original key
blanks as well as Ilco .140 other
manufacturers products in stock. A
complete line of private label products
including the safes. Our 70th year in
business.

See ad on page 18

DRK Specialties
5423 Central Ave., Ste. 7
Newark, CA 94560
(510) 790-2619 (800) 654-1850
FAX: (510) 790-2238
Key Personnel: Don R. Kuhn, Owner/
Pres.
DRK Specialties is the complete key accessory source for locksmiths seeking the latest key rings and innovations. Current best sellers are the versatile Sur Loc key ring assortment, Hide-A-Rocks, squeeze Lites and auto logo key rings. Distributor for Lucky Line, Peebee, ESP, Wet Winds, Calif. Safe Cans and others.

Dugmore & Duncan, Inc.
30 Pond Park Rd.
Hingham, MA 02043
(800) 225-1595
FAX: (617) 740-4043
Key Personnel: Tom Fuery, MA Br.
Mgr.
Contact: Gene Lavoie, FL Br. Mgr.
322 Reynolds Rd.
Lakeland, FL 33803
(800) 325-1595
FAX: (714) 360-0572
Contact: Charles (Skip) Reid, CA Br.
Mgr.
9251 Orco Pkwy.
Riverside, CA 92509
Sargent Lock full line stocking distributor. Extensive inventory. For immediate delivery. No minimum order required. Also stocking Yale, Don-Jo, MultiLock & Simplex 1000 Series.

C.H. Edwards, Inc.
P.O. Box 775
Hwy. 11 South
Greenville, NC 27834
(800) 334-3642 (USA)
(919) 756-8500 (NC)
All stock items shipped within 24
hours after order is placed. Inquire about current sale items.

8335 S. Hindry Ave.
Los Angeles, CA 90045
(800) 858-1726
FAX: (310) 568-1507
Key Personnel: Kenneth Strait, Pres.;
Brian Gordon, Sales Mgn.; Dave
Hutchison, Sales/Tech Support
Wholesale distribution consultation to
the access control trade. Stocking:

ELECTRIC LOCK SUPPLY

Adams Rite, Alarm Controls, Edwards, Folger Adam, F-Systems, GRI, Linear, Microwave Sensors, Microstate Electronics, Modern Electronics, Monthard, Securitron, Security Door Controls, PowerSonic, Rofu, Trine, Alarm Lock, Stanley, Transcience, KeeCo., MooreOmatic, Essex, Marlok, Select, Oregon Scientific, Optex, Locknetics, International, Doraado, and Altronix.

See ad on page 32

ELJAY EXPRESS P.O. Box 1388 Wheeling, IL 60090 (708) 480-1311, (800) 432-1311 FAX: (708) 272-9249

Continued on page 96



SRi and Steve Young are working together to bring you the best in locksmith tools and supplies.

Eljay Express

Continued from page 91

Jackie Ripes, Mgr. Large stocking distributor for Arrow Locksets, Dorma Door Closers, Hager Hinges, Ives and H.E.S. Electric Strikes. See ad on page 46

Empire Security Supplies 4600 B Nesconset Hwy. Port Jefferson Station, NY 11776 (516) 928-1919
FAX: (516) 928-4745
Key Personnel: Ira Levine, Pres.; Bob Gorman, Sales Mgr.
Empire Security Supplies is a young and rapidly growing distributor of locksmith and hardware supplies. We have been in business for seven years, and are constantly expanding our line of manufacturers' products. We are one of the largest wholesale distributors on Long Island, New York. We believe in personalized service and quality merchandise.

Ewert Wholesale Hardware Inc. 4709 W. 120th St. Alsip, IL 60658 (800) 451-0200, (708) 597-0059 FAX: (708) 597-0881 Key Personnel: Brian King, Sales; Wes McKenney, Sales; Clelia King, Acct. Rec Ewert Hardware has added the Russwin line to our inventory. We will be supporting both Corbin and Russwin for the locksmith industry.

Express Hardware 1203 S. Northwest Hwy. Barrington, IL 60010 (800) 323-7447 FAX: (708) 381-7199 Key Personnel: Steve Yellin, Pres. Express Hardware is a full line supplier of Schlage, Von Duprin, Baldwin, Norton and Hager products.

Fairway Supply Inc.
4303 Dacoma
Houston, TX 77092
(713) 957-2160
WATS: (800) 767-FAIR
FAX: (713) 957-2122
Key Personnel: Don Bradford, Pres.;
Bob Conley, VP; Rick Gummelt, VP

FASTRACK HARDWARE, INC.
3655 North 126th St.
Brookfield, WI 53005
(800) 458-8707
FAX: (414) 781-4232
Key Personnel: Paul Federspiel, Cust.
Svc.
Full line distributor of Yale products.
Yale locks, keyblanks and cylinder plugs in stock for immediate shipment.
If you need Yale fast, get on the right track with Fastrack Hardware, Inc.
See ad on page 58

Fichet-North America 1255-A Oakbrook Drive Norcross, GA 30093 (800) 582-0696 FAX: (404) 263-6567 Key Personnel: Norm Brauner, Pres. Manufacturers and distributors of high security safes, fire and record safes, deposit safes, vault doors, safe deposit boxes and in-room safes.

Foley Belsaw Co. Locksmith Division 6301 Equitable Rd. Kansas City, MO 64120 (800) 821-3452 (orders only) (816) 483-2700 (cust. svc.)

Fortress Safe & Lock 336 Northland Blvd. Cincinnati, OH 45246 (513) 772-4392, (800) 562-0295

Fradon Lock Co., Inc.
467 Burnet Ave.
Syracuse, NY 13203
(315) 472-6989, (800) 447-0591 (E)
Key Personnel: Don Rapp, Pres.; Frank
Sweet, VP; Hope Bolinger, Safe Sales
Safe lock and key distributors. Safes:
Amsec, Gardall, Knight, Major,
Meilink, Mosler, Sentry. Safe-Locks &
Parts: Precision Products, others.
Auto-Locks: Briggs & Stratton "FullLine," Auto Security Products "Full
Line," Key Blanks: ESP "Full Line."

Fried Bros. Inc. 467 N. 7th St. Philadelphia, PA 19123 (800) 523-2924 (Nat'l.) Key Personnel: Alex Ebrahimzadeh, Pres. Fried Bros. Inc. was established in 1922 in Philadelphia. Presently we supply the locksmiths from two warehouses located in Philadelphia and Phoenix, Arizona. We stock locks, padlocks, key machines, door closers, exit devices, decorative hardware, safes, vault, mail boxes and intercoms.

G-U Hardware, Inc. 11761 Rock landing Dr. (M-6) Newport News, VA 23606 (804) 873-1097 FAX: (804) 873-1298 Key Personnel: Keven McDaniel, VP; Gerhard Loeffel, VP Specialists in multiple lock door hardware.

Garden State Hardware Wholesalers 322-324 W. Front St. Planfield, NJ 07060 (908) 753-1343 FAX: (908) 753-2040

Grace's Wholesale & Supply Div. 214 East 2 St.
Hastings, NE 68901-5217
(402) 462-2737 (1-9 p.m CT)
Key Personnel: B. Gifford Sager, Pres., 1919 Bateman St. (402) 462-4389
H. Roger Grace, Prop.
CCL Security Products, Circle-Ess key machines, Ilćo Lock Co. products, LAB pins and kits, locks, parts, key blanks and tools stocked. Also, new and resharpened cutters. Resharpened cutters on exchange basis or outright sale.

R.A. GRAHAM CO., INC. 70 James St. Worcester, MA 01603 (508) 755-5815, (800) 333-3933 FAX: (508) 755-6584
R.A. Graham Co. is a full stocking distributor of Brassworks by KABA solid brass designer door hardware. They also stock Baldwin, Schlage, Kwikset, Weiser, Dexter, Ives, Master, Monarch, Norton, Stanley, Don-Jo, Gainsborough, Weslock, along with many other manufacturers.

See ads on pages 36 and 37

Grandview Hardware Co. 525 W. Seneca St. Ithaca, NY 14850 (607) 273-0526 Distributors of Baldwin mortise locks and decorative hardware.

Granite Hardware Corp.
P.O. Box 518
Moneta, VA 24121
(703) 297-1808
FAX: (703) 297-1194
Key Personnel: David B. Colburn,
President; Pamela J. Colburn,
Sec./Treas.
Lever handle locksets (mortise or
cylindrical); Removal core products;
All-brands of levels, spindles and trim
parts; Master key system and key
blanks; Products supplied in all
Manufacturers standard keyways;
Hard to find replacement parts for
most brands.

Great Lakes Lock Distributors
2301 Sassafras St.
Erie, PA 16502
(814) 459-0546, (Local)
(800) 543-8837
FAX: (814) 456-1542
Key Personnel: John Carneval, Owner;
John Carneval, Jr., GM; John Carneval,
Sales
We represent over 30 manufacturers
including: Abus, Detex, ESP, LCN,
Lori, Master, Medeco, Monarch and
Precision. Our Medeco inventory
includes commercial as well as biaxial
keyways. We can provide masterkey
systems cut keys and keying. We
accept Visa and Mastercard and our
minimum order is only \$10.00.

H & H LOCK & SECURITY WHOLESALERS 9140 Gaither Rd. Gaithersburg, MD 20877 (301) 948-1996 FAX: (301) 948-5265 See ad on page 155

H. Hoffman Co.
7330 W. Montrose Ave.
Chicago, IL 60634
(An LSDA Company)
(708) 456-9600 (Local)
(800) 942-0217 (Illinois)
(800) 323-1918 (Midwest)
H. Hoffman Co. Distribution Centers:
(800) 382-9449 (Indianapolis, IN),
(800) 392-1303 (St. Louis, MO),
(800) 472-9191 (Milwaukee, WI),
(800) 247-8217 (Cleveland, OH),
(800) 526-5897 (Kansas City, KS)
FAX: (708) 456-0878
Key Personnel: Al Hoffman, Pres.;

Continued on page 98

John Bosworth, Sales Mgr.; Karen Hoffman Kahl, Operations; Marty Jalove, Mktg. Mgr.
H. Hoffman, the "House of Locks" has over 60 years experience as a distributor of a full line of security hardware and related products, i.e. locksmith supplies, safes, electronic controls, novelty items, etc., enjoying a reputation built on quality services. Same day delivery, selling catalog, monthly flyers, competitively priced serving mid-America.

H.S. & S. Wholesale Distributor of Lock Hardware 12915 W. 8 Mile Detroit, MI 48235 (800) 521-2202, (800) 482-3000 (MI) FAX: (313) 342-7580 Key Personnel: Michael Solomon, Pres.; Neil Cronk, Sales Mgr.

Hardware Agencies Ltd.
1220 Dundas St. East
Toronto, Ontario Canada M4M 1S3
(416) 462-1919, (800) 268-6741
Key Personnel: James Roberts, Mktg.
Mgr.; Paul Halberstadt, Pres.
Full line locksmith supplier. Lock and
door hardware, key blanks, key
machines, locksmith tools and
equipment, high security lock lines,
padlocks. The Company with the most
of the best.

Hardware Sales & Supply
35950 Industrial Rd.
Livonia, MI 48150
(An LSDA Company)
(313) 591-1150, (800) 521-0955
(Midwest)
(800) 837-5625 (PA)
FAX: (313) 591-7289
Key Personnel: Milt Goldman, Pres.;
Arnie Goldman, Op. Mgr.; Ed Mooney,
Branch Mgr.
Hardware Sales & Supply has been
supplying locksmiths since 1925.
Servicing the Midwest from its Detroit
and Pittsburgh warehouses, Hardware
Sales sells and services the LSDA
locksmith line as well as over 100
security manufacturers. The new HS
1992/1993 catalog is available to
locksmiths in the Midwest.

Hardware Specialties, Inc. R.D. 2, Box 28A Dubois, PA 15801 (814) 371-8694 FAX: (814) 371-0590

Hardware Suppliers of America, Inc. 213 Mill St. Winterville, NC 28590 (800) 334-5625 (NC), (800) 334-5625 (TX), (800) 282-8499 (FL), (800) 358-6016 (GA), (800) 334-5625 (OH) (800) 334-5625 (CA) FAX: (800) 334-5635 Key Personnel: Francis Casey, Pres.; Schlage locks, parts and accessories; Dexter locks and parts; Baldwin products; H.B. Ives products; Monarch panic devices; Norton Closers; Rixson-Firemark products; Simplex pushbutton locks; Major Metalfab key cabinets; Hager and McKinney hinges; Rytan key cutters; Falcon locks and parts; Alarm Lock.

Helen's Keys & Locks
1145 St. Jude Dr.
Schnectady, NY 12303
(518) 355-7000
Key Personnel: Helen K. Frier
Locksmith supplies, wholesale only.
We carry business and technical aids, locking devices, locksmithing industry supplies and equipment. A 104 page catalog is available. The business started in 1972.

House of Security
151 E. Fifth
Columbus, OH 43201
(614) 291-7715
FAX: (614) 299-0872
Key Personnel: Carl Zipf, Tom Zipf,
Scott Basham.
House of Security is a wholesale
distributor, in business since 1972. We
carry a large selection of Schlage,
Falcon, Medeco, PHI Panic Bars and a
lot more.

HOWARD MFG. CO.
5996 S. Crocker St.
Littleton, CO 80120-2054
(303) 794-2510
FAX: (303) 794-3703
Key Personnel: Tito Howard, Pres.
HMC supplies two door pressure gauges to measure door function and comply with ADA requirements. The "DPG" measures force from 0 to 35 lbs. and the "U237X" measures door opening/closing force from 0 to 7 lbs.
See ad on page 149

Independent Hardware Inc.
14 S. Front St.
Philadelphia, PA 19106
(215) 925-5306, (800) 346-9464
FAX: (215) 922-6552
Key Personnel: Frank Stanco, Pres.;
Vincent Campagna, VP
Stocking wholesale distributor of
Schlage, Kwikset, Dexter, Corbin,
Norton, Master, Yale, Von Duprin,
Adams Rite, Arrow, Ilco, National,
Folger Adam, Sargent, Simplex,
Chicago, Dorma, Bommer, Alarm Lock,
Lab, Lori, Rixon, Quincy, Seidle,
Russwin, Locknetics hinges. Centrally
located in Philadelphia. We offer same
day shipping.

Integrated Ventures Springs
312 Ohio Ave.
Cincinnati, OH 45215
(513) 761-5780
Key Personnel: Toby Stafford,
Operations Leader.
Complete line of springs, spring
assortments and spring replacement
kits for specific product applications.
Custom springs available via the
spring connection access network
(S.C.A.N.) System. Products include
the superstocker assortment, Russwin

forum latch rebuild kit, pin tumbler springs, premium mortise latchspring assortment, garage door springs, etc.

Instant Hardware Delivery
12321-B Wilkins Ave.
Rockville, MD 20852
(800) 437-5837 (Nat'l),
(800) 492-6805 (MD),
(301) 231-5020
FAX: (301) 279-7913
Key Personnel: Beverly Vigue, VP;
Jayme Wilburn, Sales Rep.; Kenneth
Domurot, Sales
I.H.D. is an established wholesale
distributor center located in Rockville,
MD supplying exclusively to contract
houses, suppliers and locksmiths. We
represent three manufactured lines of
commercial/residential hardware,
namely Schalge, Von Duprin and Valli
and Colombo.

Intermountain Lock & Supply 3106 S. Main P.O. Box 65158 Salt Lake City, UT 84115 (801) 486-0079, (UT), (800) 453-5386 (US) FAX: (801) 485-7205 Key Personnel: Jay Hickenlooper, Pres.; Bob Steinman, Vice President and Sales Mgr.

International Door Closers, Inc.
East: 1920 Air Lane Dr.
Nashville, TN 37210
(615) 885-7060
(800) 225-6737
FAX: (615) 885-0903
West: 1140 North Kraemer Pl.
Anaheim, CA 92806
(714) 666-0390
(800) 544-4422
FAX: (714) 666-2215
Key Personnel: Kenneth T. Yamato,
Pres.; David Minton, Gen. Mgr.
International has been supplying the industry with hydraulic door controls and related hardware for nearly a quarter of a century. Surface applied door closers, overhead concealed door closers, and storefront door hardware are available from distribution facilities in Anaheim, California and Nashville, Tennessee.

Island Pacific Distributors, Inc.
1668 King St.
P.O. Box 22189
Honolulu, HI 96822
(808) 955-1126
FAX: (808) 946-6480
Key Personnel: Leon Wolfley, Pres.;
Barbara Wolfley, VP
Founded in 1978, full line distributor of locksmith supplies and builders hardware. Also, large designer hardware and bath fixtures.

J & J Distributors 1028 Donaldson San Antonio, TX 78228 (512) 734-6165 FAX: (512) 735-2248 Key Personnel: Joe Sulsar, Owner. Established 1965 - Locks and Locksmith Supplies - Abloy, Adams Rite, All Lock, Chicago Lock Co., Don-

Continued on page 100

J & J Distributors

Continued from page 98

Jo Mfg., Falcon, HPC, Ilco Key Machines, Ilco keyblanks, Lori Corp., Master Lock, MAG, National Cabinet Lock, Rytan, Schlage, Silca Key Machines, Silca keyblanks, Weiser, Yale.

JLM Wholesale, Inc.
3204 Adventure Lane
Oxford, MI 48371
(800) 522-2940
FAX: (800) 782-1160
Key Personnel: Ray Baldwin, GM;
Kenn Andridge, Sales Eng.; Jan Mirku,
Pres.
We have in stock for immediate
delivery Folger Adams, LCN Closers,
Locknetics Security Engineering, Roton
Hinges, Von Duprin, Adams Rite,
Security Door Controls and Glynn
Johnson products. Help with
application is available from our
consultants. Most orders are shipped
same day as received.

HANS JOHNSEN CO.
8901 Chancellor Row
Dallas, TX 75247
(800) 678-1560, (214) 879-1500
FAX: (214) 879-1530
Key Personnel: Howard H. Johnsen,
Pres.; Saul Espinoza, VP-Lock;
Edward Ibarra, Mktg.
See ad on page 18

A.T. Jones & Son
1456 Broadway
Detroit, MI 48226
(313) 965-1455
FAX: (313) 965-1093
Key Personnel: Bob Volgoi, Johnn
Dunn, Rick Sowinski
A.T. Jones & Son serving the locksmith
since 1904. Representing Adams-Rite,
Arrow, Baldwin, Chicago, Corbin
Cabinet, P&F Corbin, Detex, Dexter,
Don Jo, Folger Adam, Glynn Johnson,
Hager, HPC, Ilco, Illinois, LCN, Master,
Medeco, National Lock, National
Guard, Rixson, Rofu, Sargent, Schlage.

JO-VAN DISTRIBUTORS
929 Warden Ave.
Scarborough, Ontario
Canada M1R 4C6
(416) 752-7210, (800) 268-5731
FAX: (416) 752-3845
Key Personnel: Leonard J. Passarello,
CPL., Pres.
Your one-stop distributor. Fast,
reliable service. USCAN distributor.
See ad on page 18

K & K Lock and Supply, Inc 20 N. Central Ave. Upland, CA 91786 (909) 920-0023 (800) 233-7772 FAX: (909) 920-0402 Wholesale distributing of locksmith tools and supplies, security hardware and builders hardware, auto locks and full line of lock hardware. K-D-L HARDWARE SUPPLY INC.
1621 8th Ave.
Seattle, WA 98101
(206) 682-7383
KDL Hardware Supply Inc. has been in the security hardware business since 1919. We distribute products from over 200 manufacturers. In 1985, we joined the "USCAN" distribution network which provides the opportunity to purchase at most competitive pricing. Competitive pricing and great service have been KDL trade marks.

See ad on page 18

KENCO SUPPLY CO.
2531 North 85th St.
Omaha, NE 68134
(800) 228-2266, (402) 397-8291
FAX: (800) 228-4175
Key Personnel: Charles Kent, Pres.;
Robert Kent, VP; Steve Thilliander,
Warehouse Mgr.
At Kenco, we offer a free catalog just a
phone call away. We also have no
minimum order and we are a full line
distributor offering 12,000 different
items. At Kenco your satisfaction is our
most important goal. Kenco, where we
haven't forgotten that service is
important.

See ad on page 150

Key Blank Services P.O. Box 6247 Delray Beach, FL 33484 FAX: (800) 448-8280

Continued on page 103



The world's largest producer of automotive locks and keys.

Key Blank Services

Continued from page 100

Key Personnel: Jacki Friedman, Sales Rep.
Key Blank Services is a wholesale distributor, since 1977, with an extensive inventory of key blanks, key machines (new and used), novelties-rings - fobs - etc. and printed signs. Key Blank Services is continually expanding its catalog which is available on request free. Our quick and personal service is here to help your business.

KEY HARDWARE CO.
DIV. OF ROBERT SKEELS & CO.
2400 San Fernando Rd.
Los Angeles, CA 90065
(800) 734-4539
FAX: (310) 639-7569
Key Personnel: Lester Jordan, Pres.;
Kenneth Jordan, Vice Pres.
See ad on page 18

Key Mart Inc.
3171 S.E. Dominica Terr.
Stuart, FL 34997
(407) 283-8029 (FL)
(800) 228-7755 (USA)
Wholesale distributors: for padlocks, entrance locks, key blanks, miscellaneous hardware. Large inventory of hotel keys. No minimum orders on hotel keys.

KEY SALES & SUPPLY CO.

9950 Freeland Ave.
Detroit, MI 48227
(800) 445-KEYS
FAX: (313) 931-7758
Key Personnel: Sheldon Wiener, Pres.;
Michael Wiener, VP
Full line stocking distributors of key
blanks, key machines, locks, locksmith
supplies and hardware.
See ad on page 62

Key Supply 362 7th St. San Francisco, CA 94103

Keystone Safe & Equipment Wholesalers 625 South Eighth St. Philadelphia, PA 19147 (215) 627-7736 Key Personnel: Edward C. Dornisch, Pres.; Patricia Krause Keystone Safe & Equipment Wholesalers are exclusive distributors of the Keystone "Protector," one and two hour fire safes and computer safes and the "Keystone Viking" burglary resistive fire safe. Distributors of other selected safe manufacturers.

M.D. Kramer
Locksmith Supplies
535 Liberty Ave.
Brooklyn, NY 11207
(718) 647-7800, (800) 221-9674
FAX: (718) 277-5624
Key Personnel: Joel Kramer, Pres.;
Joseph Saluptoni, Mktg. Mgr.
One of the largest distributors of popular or hard-to-find products.

Leading Edge Tool Co.
3001 Redhill Ave. 5-205
Costa Mesa, CA 92626
(714) 549-7027
FAX: (714) 549-7027
Key Personnel: Rick Barbarossa,
Owner.
Leading Edge's "close quarters" drill attachments chuck into any electric drill and allow you to drill in 2' of space or less. All purpose tools for hard-to-reach places. Proudly made in America. Specialty screwdrivers, drills, inspection lights, voltage testers.

David Levy Co. Inc.
12753 Moore St.
Cerritos, CA 90701
(310) 404-9998
FAX: (310) 404-9698
Key Personnel: John Latino, Sr. VP;
Allen Shiffman, VP Security Products.
The David Levy Co. is an importer,
distributor and manufacturer of
electronic parts and accessories.
Product emphasis is on the Black
Widow line of vehicle security, cellular
phone accessories, general line
electronic parts as well as installation
tools, parts and accessories.

Lock Supply Co., Inc.
3615 N. 7th St.
Phoenix, AZ 85014
(602) 263-5286 (800) 525-3131 (W)
FAX: (602) 241-0249
Key Personnel: Alex Ebrahmzadeh,
Pres.
Large selection of locks, parts, key
machines and safes.

Lockmasters Inc.

5085 Danville Rd.
Nicholasville, KY 40356
(606) 885-6041 (800) 654-0637
FAX: (606) 887-7093
Key Personnel: Clayton Miller, Pres.;
Mark Miller, Sales Dir.; Wes Day, Ed.
Dir.
Lockmasters has now been in business
for over 35 years teaching courses
ranging from safe lock servicing to
professional locksmithing. Over the
years, Lockmasters has also become a
major supplier for safe tools and
equipment. Ranging from borescopes
and drillings to combination locks and
safe deposit locks.

Locks Co.
2050 N.E. 151 St.
N. Miami, FL 33162
(305) 949-0700, (800) 288-0801 (Nat'l)
FAX: (305) 949-3619
Key Personnel: Milton Dorn, Pres.;
Mark Dorn, VP; Mike Dorn, Sales Mgr.
Full line distributor with all major lines in stock. High security lines such as Medeco, ASSA, and Schlage Primus are no problem. We also have a large variety of electronic locks and entry systems. We specialize in product knowledge, stock, and delivery time.

The Locksmith Store Inc. 1229 E. Algonquin Rd., Unit E Arlington Heights, IL 60005 (708) 364-5111 FAX: (708) 364-5125 Key Personnel: Tom Swiderek, Pres.; Jack Swiderek, Bob Szabo, Rico Chavez

LOCKWISE PRODUCTS INC.
2001 NW 167 St.
Miami, FL 33056
(305) 625-5525 (800)447-6616
FAX: (305) 623-9564
Key Personnel: Fred Cohen, Pres.; Patti
Cohen, Sec./Treas.; Syd Friedman,
advisor; Ed Nelson, Sales.
Wholesale distributors of major
American lines; key blanks, locks,
locksmith supplies, door hardware,
safes, and electronic security.
Warehouse has been expanded by 1,800
feet. Established 1943.
See ad on page 173

LSDA
7330 W. Montrose
Chicago, IL 60634
Full line stocking distributors of all
major brands of door hardware and
security products. Also marketing the
LSDA private brand of products which
is sold only through locksmith dealers.
Available from these distributors:
Acme Wholesale Distributors,
Armstrong's Lock & Supply Inc.,
Canada Lock Products Ltd., Cooks
Supply Co., Hardware Sales & Supply
Co., H. Hoffman Co., and M. Taylor
Inc.

See ad on page 179

MAJOR LOCK SUPPLY DIV. OF ROBERT SKEELS & CO. 2512 E. Fender Ave., Unit F Fullerton, CA 92631 (800) 734-4539 FAX: (310) 639-7569 Key Personnel: Lester Jordan, Pres.; Kenneth Jordan, Vice Pres. See ad on page 18

Mancini Safe Company
Twin City Plaza
Cambridge, MA 02141
(800) 367-3453
FAX: (617) 497-7233
Key Personnel: Ivonne McGinn,
WholesaleMgr.; Stephen Randall, Svc.
Mgr.; Peter Murphy, Locksmith Mgr.
Mancini Safe Company in 1993 will be
expanding their wholesale safe
distribution to include fire safes, TL15's, TL-30's, TL30x6, and
TRTL30x6. This line of safes is the most
complete array of product available
from a single supplier. Features and
pricing advantages in every category
will be sold thru exclusive regional
distribution.

MAYFLOWER SALES CO., INC. 614 Bergen St. Brooklyn, NY 11238 (718) 622-8785, (800) 221-2052 FAX: (718) 789-8346 Key Personnel: Bill Swetow, Pres.; Harris Goldstein, VP; Brian O'Dowd, Mgr. Adams-Rite, American Lock, Arrow, Auto Security, Briggs & Stratton,

Continued on page 106

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Chicago Lock, Corbin, Detex, Folger Adam, Gardall Safes, HPC, Ilco, Locknetics, Lori/Kaba, Marks, Master, Medeco, National Lock, Omnilock, Rofu, Sargent, Securitron, Security Engineering, Simplex, Star Safes, Yale. Full line distributors of locksmith supplies and builders hardware. Since 1917.

See ad on page 172

Mazer Wholesale
6228 Girard Ave.
Philadelphia, PA 19151
(215) 747-7900, (800) 343-0780
FAX: (215) 471-6415
Key Personnel: Andrew Mazer,
Owner; Laura DerMarderosian, Nat'l.
Sales; Harry Hatfield, Local Sales
Mazer Wholesale is a
hardware/houseware distributorship.
We service the locksmith trade by
supplying imported locks, padlocks,
door hardware, keyblanks, and closeouts. Concentration is on fast delivery,
competitive pricing, and excellent
service. We're a young, energetic
company on-the-move, and are willing
to serve you. (No minimum order.)

Maziuk & Co., Inc. 1251 W. Genesee St. Syracuse, NY 13204 (315) 474-3959, (800) 777-5945 FAX: (315) 472-3111 Key Personnel: Stanley Maziuk, Jr., Pres.; Stanley Maziuk Sr., Treas. Since 1943, Maziuk & Co. has provided personal attention and fast service to our customers. Over 135 manufacturers are in stock including: Alarm Lock, Arrow, Briggs & Stratton, Corbin, Folger Adam, Kwikset, Master, Schlage, Simplex, Von Duprin, Weiser, Yale. Maziuk & Co. is large enough to provide you with the selection and prices you need without losing the "personal touch."

McDonald Dash Locksmith Supply,

Inc.
1584 Two Place 38116
P.O. Box 38186-0907
Memphis, TN 38186-0907
(800) 238-7541, (901) 346-8111
FAX: (901) 346-8210
Key Personnel: Bette Arndt, Asst. to
Pres.; F.R. Ferguson, Pres.; Jim Thomas,
GM.; Burma Hanson, Office Mgr.
Wholesale distributors of 15,000
inventory items of 100 plus
manufacturers to locksmiths, hospitals,
schools and other institutions since
1945. Locks, locksmith tools, closers,
exit devices, key machines, lock parts,
key blanks, and technical books. Same
day shipment of orders in by 12:00 CT.

McManus Locksmith Supply, Inc. 1309 Central Ave. Charlotte, NC 28205 (704) 333-9112 Key Personnel: John W. Dyson, Pres.; Ben Lewis, VP; Lucille Mondy, Sec'y./Treas.; Betty Lewis, Bookkeeper/Mgr. Metro Safe Co., Inc. 30845 John R
Madison Heights, MI 48071
(313) 585-7230
FAX: (313) 585-8705
Key Personnel: Orest R. Kalba, Pres.; Ereney "John" Szechowycz, VP
Distributors for: Amsec, Brown, Cannon, International, Kaso, Safe Corporation, and introducing an all new line of Metro Safes including home and office units: TL-15 and TL-30. We ship throughout the continental United Safes and Canada.

MIDLAND HARDWARE DIST.
P.O. Box 7043
13 Raritan Rd.
Oakland, NJ 07436
(800) 526-9000 (Nat'l),
(800) 562-2059 (NJ)
FAX: (201) 337-7695
Key Personnel: John Warren, Dir-Op.&
Safes; Frank Begnoche, Dir-Purch. &
Mktg.
We are a stocking distributor of door
hardware for the following
manufacturers: Baldwin, Dexter,
Kwikset, Marks, Norton, Omnia,
Precision, Schlage, Simplex/Unican
and Von Duprin. Orders shipped same
day if placed by 2 est. Call about our
catalog.

Mid-South Locksmith Supply, Inc. 4176 New Getwell Memphis, TN 38118 (901) 795-6987 (800) 238-6166 FAX: (901) 795-3475 Only the finest locksmith supplies and security products for 15 years.

See ad on page 32



To be a World Leader You Need Quality Products, Innovative Technology and Strong Partners.

Mid-States Security Corporation 247 Woodwork Ln.
Palatine, IL 60067
(708) 358-0760
FAX: (708) 358-0390
Key Personnel: K.C. Gullett, Pres.; Mitch Gullett, VP;
Our products include Adams Rite, Adam Lock, American Lock, Detex, Fort Lock, Master, Medeco, Norton Door Closers, Rofu, Simplex/Unican, Trine and Yale Master Key Systems, rekeying and servicing of Medeco, Fort Lock, American and Simplex/Unican is our specialty. Medeco restricted keyway, cam locks, switch locks are stock items.

Midwest Safe Distributors
P.O. Box 5310
Philadelphia, PA 19153
(800) 345-8053
Midwest Safe Distributors was established in 1988 to serve the locksmiths and safe dealers in the Midwest. The warehouse is located in Bensonville, Illinois. Twlve models of the Diplomat Fire Safe line are stocked and are immediately available. The safes have key and combination locks. Various lock options are available.

Midwest Wholesale Hardware 5121 Front St. Kansas City, MO 64120 (800) 821-8527 FAX: (800) 621-6581 997 W. Kennedy Blvd., #A18 Orlando, FL (800) 659-8527
FAX: (800) 659-6581
Stocking wholesale distributor for Russwin, Schlage, Von Duprin, Yale, LCN, Norton, Simplex, Locknetics, Detex, Adams-Rite, Bommer, Ives and Glynn Johnson. Same day shipment on stock items. Call or fax toll free for our price catalog. Ask about our prepaid freight policy.

H.E. MITCHELL CO.
P.O. Box 14009
Portland, OR 97214
(503) 236-9444, (800) 626-5625
FAX: (503) 238-5715
Key Personnel: Mike Messing, Judy
Messing, Bob Thompson
See ad on page 56

MONACO LOCK CO. INC.
339-345 Newark Ave.
Jersey City, NJ 07302
(800) 526-6094
FAX: (201) 659-7626
Monaco Lock Company is a national authorized stocking distributor of electric locking devices, access control equipment, detention products, and door hardware. Monaco's 25 year reputation is one of customer satisfaction, dependability, and personalized service. Our Vol. VIII catalog features our complete product line in stock and ready for shipping nationwide.

See ads on pages 19,99

J. NATHAN HARDWARE

161 Comfort St.

Rochester, NY 14620
(716) 325-3330
(800) 634-2580 U.S. and Canada

FAX: (716) 537-1940
Key Personnel: Jim Bono, Pres.; Mark
Putnam, Cust. Svc.
..."Efficient, Effective and Productive"...
Service, knowledge, quality is our
business obligation to your residential
and commercial needs of locks,
builders hdwe. and locksmith supplies.
We maintain Schlage (A thru S Series).
Kwikset in every function, finish and
design. Complete line of Master Lock
and Hdwe. Medeco/Biaxial, Arrow,
llco, ESP, Nat'l Cab., Yale, Securitron
and other quality manufacturers.
See ad on page 151

THE NATIONAL LOCKSMITH
1533 Burgundy Pkwy.
Streamwood, IL 60107
(708) 837-2044
FAX: (708) 837-1210
Key Personnel: Marc Goldberg,
Editor/Publisher; Tom Seroogy,
Managing Editor; Tom Mlodoch, Ad
Sales Mgr.; Debbie Schertzing, Sales
The National Locksmith magazine
informs you monthly about all news
and technical information you need.
We publish a series of technical books
and code books to educate locksmiths.

Continued on next page

NATIONAL

AUTO LOCK SERVICE, INC.

National Auto Lock Service, Inc. offers a wide range of equipment and services for the Automotive Locksmith. From tools and hard to find key blanks to transponder programming, we can take the mystery out of car service. We accept credit card orders, and can ship COD. Contact us for the latest in automotive technology.

www.laserkey.com

Continued from previous page

New England Door Closer, Inc. 694 Union St., P.O. Box 28
West Springfield, MA 01090
(413) 733-7889
FAX: (413) 731-8368
Key Personnel: R.E. Longley, Pres.
New England Door Closer offers repair of current and obsolete door closers, is a stocking distributor of new door closers for Corbin, Dorma, Dor-O-Matic, Jackson, Kawneer, LCN, Norton, Rixson, R&K, Russwin, Yale and have in stock many of the replacement parts needed to fix a door closer problem.

New York Locksmith Supply Co. Inc. 1558 2nd Ave. New York, NY 10028 (212) 737-0178 (914) 328-1919 FAX: (212) 988-9192 Key Personnel: Neal Geffner, Pres.; Barry Silver, Nat'l. Sales Mgr.; Len Geffner, Financial Secy.

OMAHA WHOLESALE HDW.

1201 Pacific Street
P.O. Box 3628
Omaha, NE 68103
(800) 228-8694 (Nat'l. WATTS),
(800) 228-2218 (NE WATTS)
FAX: (402) 444-1663
Key Personnel: William J. Stock, Exec.
V.P.; Jim Humpal, Sales Desk; Howard
Westerberg, Sales Desk-Omaha
Omaha Wholesale Hardware was
introduced in the distribution field in
1985. Omaha Wholesale has
experienced growth in each of the five
years since it opened for business.
Omaha Wholesale started with two
product lines, Schlage Locks and Von
Duprin panic devices. It has since
added additional lines.
See ad on page 100

ORCHARD LOCK DISTRIBUTORS, INC.

30 Edmund St.
Hamden, CT 06517
(800) 233-2146 (Nat'l WATS)
(800) 547-5128 (CT WATS)
(203) 865-8106 (Local)
FAX: (203) 624-4083
Key Personnel: Larry Federico, Dir.-Operations; Bill Simmons, Nat'l Sales Mgr.; Paul Douglas, Account Exec.
Orchard Lock Distributors is a full line, nationwide distributorship serving the locksmith trade. The many major brands in stock include Arrow, Schlage, Yale, Dexter, Weiser, Abloy, Medeco, American, Master and many others. Our new larger facilities allow us to serve our customers better with more variety, faster delivery and competitive prices.

See ad on page 37

Pasek Corp. 9 West Third St. So. Boston, MA 02127 (800) 628-2822 FAX: (617) 269-0547 Key Personnel: Lewis A. Alessandrini, Pres.

Agencies W. Pelletier (1980) Inc. 6700 Ave. Du Parc, Ste. 100 Montreal, Quebec Canada H2V 4H9 (514) 276-6700 FAX: (514) 276-9413 Key Personnel: A. Cheply, GM; M. Pare, Sales Mgr.; R. Grenier, Sales Rep.; M. LeGault, Cust. Svc. Mgr. Full line locksmith supply distributor. Key machines, key blanks, locksmith tools and supplies, locks, door closers, panic devices, electric strikes, highsecurity locks, safes, alarm systems. Prompt shipments. Since 1879.

Personal Security
P.O. Box 496
Hoosick Falls, NY 12090
(800) 446-6223
FAX: (802) 442-3823
Key Personnel: Jon Goodrich, Pres.;
Dawn Raphan-Lee, Sales Director.
Distributor of Original Mace, muzzle
Canine Repellent, the Big Jammer Door
Brace and other quality self-protection
and security products.

The Peterzell Co.
P.O. Box 521357
Longwood, FL 32752-1357
(800) 848-1024
Key Personnel: Victor Peterzell, Pres.;
Betty Eichelberger, Off. Mgr.; Abe
Peterzell, Sec'y.
Personal protection devices, battery
operated door and window alarms,
key accessories, door viewers and door
knocker viewers, and door
annunciators.

PIMLICO KEY SERVICE INC.
5242 Reistertown Rd.
Baltimore, MD 21215-5082
(800) 638-3815 (Nat'l)
FAX: (410) 367-7319
Key Personnel: John Trouland, Pres.
Locksmith supplies: Yale, Schlage,
Kwikset, Sargent, Falcon, Arrow,
Medeco, Lori, Unican, Ilco, HPC,
Folger Adam, Corbin Cabinet,
National, Marks, Adams Rite, Briggs &
Stratton, Auto-Security, Valley Forge,
See ad on page 64

Protecht International Stun Gun Experts 100 W. Cherokee Ln. Ste. 8 Lodi, CA 95240 (800) 999-9310 FAX: (209) 334-4101 Key Personnel: L. "Deano" Bertalino, Sales Mgr.

RA-Lock Company
210 S. Clark Rd., Ste. B
Cedar Hill, TX 75104
(214) 291-1301, (800) 777-6310
FAX: (214) 291-1346
Key Personnel: J.J. Gage, President;
David Price, Sales Mgr.
Security for all coin operated machines.
Cam locks, popout locks, t-handles,
plug locks, safes, padlocks. Factory
authorized service center for Medeco
and Fort Lock Companies.

Racal-Chubb/Protection Group 29712 US Hwy. 19 North Clearwater, FL 34621 (813) 785-0642 FAX: (813) 784-9279
Key Personnel: James R. Ringold, Pres.
Offering a full line of electronic access
control and UL listed physical security
products. Including major technologies
in access control, modular vaults, vault
doors, safes and night depositories.
Contact above for additional
information.

E.L. Reinhardt 3250 Fanum Rd. Vadnais Heights, MN 55110-5219 (612) 481-0566, (800) 328-1311 FAX: (612) 481-0166 Key Personnel: Kenneth J. Stemig, Pres.; Kenneth P. Stemig, VP; John E. Stemig, VP

Renaud Sales
P.O. Box 23056, Milton Mall
Milton, Ontario L9T 5B4
(416) 875-4471 (416) 875-6847
Key Personnel: Joseph Renaud, Tech.
Mgr.; Lisette Renaud, Order Proc.
Exclusive authorized agent and
distributor of Ikon products of Berlin,
West Germany. Ikon is a manufacturer
of quality cylinders since 1927,
specializing in key control,
masterkeying and control locking
systems.

RICHMOND INDUSTRIAL SUPPLIES 68 Port Richmond Ave. Staten Island, NY 10302 (718) 448-2100 FAX: (718) 981-5665 See ad on page 146

Rininger Lock & Supply
3468 Citrus St., Suite C
Lemon Grove, CA 91945
(619) 463-0170,
FAX: (619) 697-2590
Chuck Rininger, owner; Brian Goonan,
sales, purchasing
Rininger Lock & Supply recently
assumed the business that was known
as "Lancaster Locksmith Supply" in El
Cajon, CA. We carry a full line of
locksmith supplies; tools, machines,
etc., as well as being a major
distributor of Baxter Systems code
books, updates, guide keys, and tryout
keys.

Jim Ripley's Services, Inc.
(Safe Monkey Wrench™)
304 S. Lynn Riggs Blvd.
Claremore, OK 74017
(918) 341-1077
Key Personnel: Jim Ripley, Pres.
The Safe Monkey Wrench™ is a tool designed to open many high security safes without drilling or manipulation, with minimum damage to the safe. The tool was designed by Jim Ripley, CML, a locksmith specializing in safe openings. Mr. Ripley has also taught safe opening classes.

Dave Sanders & Co. Inc. 107-111 Bowery New York, NY 11226 (800) 542-1743 (Nat'l), (212) 334-9898 FAX: (212) 966-4185

Continued on page 110

108 The National Locksmith

Dave Sanders & Co.

Continued from page 108

Key Personnel: Paul Sheopaul, Sales Asst.; Shelly Auerbach, Tech. Asst. Since 1952, Dave Sanders has been serving the trade community in the New York metro area. We stock an enormous inventory of building, cabinetry and door hardware. We specialize in commercial and decorative hardware and our line of power tools can't be beat. We are available from 8-4:30 p.m. Monday-Friday 0EST.

Edw. Saucedo & Son Co., Inc. 711 N. Copra El Paso, TX 79903 (915) 566-7101

Security House Padlock Distributors 3-877 Alness St. Downsview, Ontario Canada M3J 2X4 (416) 661-5300, (800) 567-5300 FAX: (416) 661-6313 Canada's factory source for Master Lock, Dudley, American Lock, Papaiz, PrestoLock, Squire, Cisa, Hampton, Buddy, Esmet, HPC, XL-Lock, Olympus.

SECURITY LOCK DISTRIBUTORS
59 Wexford St.
P.O. Box 815
Needham Heights, MA 02194
(617) 444-1155 (local)
(800) 847-5625
FAX: (800) 878-6400
Key Personnel: Sidney Schwartz, Pres.;
David Schwartz, VP; Jeff Schwartz, VP;
Martin D. Wiener, Controller
Security Lock Distributors is a
wholesale distributor of locks and
security products. We are the nation's
largest distributor of Arrow locks
carrying their complete line. We also
carry the complete inventories of
Adams Rite, Folger Adam, Simplex,
Bommer Mailboxes, Detex, Alarm
Lock, Von Duprin electronics, and
Locknetics-Security Engineering.
See ad on page 91

Security Plus, Inc.
3612 North 16th St.
Phoenix, AZ 85016
(602) 234-3883,
(800) 822-7550 (AZ),
(800) 426-0200 (Nat'l.)
Key Personnel: Steven E. Marcou,
Pres.; Theo Nielson, Sales Mgr.
Security Plus is a wholesale lock
distributor dedicated to providing
excellent service to the locksmith
industry. We are stocking products
and parts of major manufacturers of
automotive locks, cabinet locks, door
hardware, locksets, locksmith tools,
key blanks, key machines, safes,
security devices, and various supplies.

Sell Hardware Distributing Inc. 117 South 27th Ave. West Duluth, MN 55806 (218) 722-2328 Key Personnel: Don Sell

Sentinel Wholesale Hardware Sentinel Diversified Industries, Inc. 2043 Wellwood Ave.
East Farmingdale, NY 11735-1283
(516) 753-6000
FAX: (516) 753-6004
Key Personnel: Alan Litroff
Wholesale distributors of architectural
and builder's hardware including
Medeco, Yale, Von Duprin, LCN,
Magnetronics, Roton, Jackson, Rixson.

Serrubec Inc. 2073 Chartier Ave. Montreal (Dorval), Quebec Canada H9P 1H3 (514) 631-6791, (800) 361-0243 FAX: (514) 631-0494 Key Personnel: Joseph Mastro, VP Wholesale locksmith supplies.

M. Shepse Co.
Div. Amsco Bionics
21st and East Carson Sts.
Pittsburgh, PA 15203
(412) 381-4900 (800) 666-6007
FAX: (412) 381-5122
Key Personnel: Sandy Zaremberg, VP
Kwikset, Weiser, Arrow, Sargent,
Medeco, S&G, Master, National,
Cabinet, Ilco, American, Stanley.

Shield Supply & Services Ltd.
Unit 17-1391 St. James St.
Winnipeg, Manitoba
Canada R3H OZ1
(204) 774-1921
FAX: (204) 774-5627
Key Personnel: C.M. "Coley"
Kaufman, Pres./GM; Shawn McIntosh, Sales Mgr.
Major lines: Abloy, Abus, American Lock, Auto-Security, Briggs & Stratton, ESP, Falcon, Framon, Grobet, HPC, Ilco-Unican, Keymak, LAB, Medeco, National Lock, Rytan, Don-Jo Mfg. Centrally located Canadian wholesale distributor of security hardware and locksmiths' supplies and tools to the trade, contract hardware houses and government and municipal agencies.

D. Silver Hardware Co., Inc. 591 Ferry Street Newark, NJ 07105 (201) 344-3963, (201) 344-4055 (800) 222-2915 (NE)

Silver Sales
2701-C.W. 15th St., Ste. 291
Plano, TX 75075
(214) 867-4545, (800) 258-LOCK
FAX: (214) 618-1897
Key Personnel: Bill Silver, Judee
Brummette-Silver
Carry a complete line of Sargent &
Greenleaf, Simplex/Unican and Roton
products. Since 1982, supplying these
and other fine security hardware
throughout the U.S.

ROBERT SKEELS & COMPANY 19216 S. Laurel Park Rd. Compton, CA 90220 (800) 734-4539 FAX: (310) 639-7569 Key Personnel: Lester Jordan, Pres.; Kenneth Jordan, Vice Pres. Over 40,000 items stocked, we support the locksmith and builder's hardware industries in California, Oregon, Nevada and Hawaii since 1923. See ad on page 18

SO-CAL
2602-A Transportation Ave.
National City, CA 91950-6654
(619)474-8847 (800) 521-3551
FAX: (619) 474-2440
Ron Erbland, co-owner; Lin Erbland, co-owner
So-Cal, established 1980, stocks key blankd, auto locks (foreign and domestic), locksmith tools, novelties, key cabinets, and security cash handling equipment. No minimum purchase is required
See ad on page 115

SOUTHERN LOCK & SUPPLY CO.
10910 Endeavor Way
P.O. Box 1980
Pinellas Park, FL 34664-1980
(800) 282-2837 (FL),
(800) 237-2875 (Nat'l)
FAX: (813) 544-2832
Key Personnel: Marvin Cutson, Pres.;
David Matthies, VP-Op.
Southern Lock has been a supplier to the locksmith, security and building industries for more than 40 years, maintaining a large inventory of popular products from over 200 manufacturers. With four locations, competitive pricing and friendly, qualified sales personnel, Southern is doing what it takes to keep their customers happy.

See ad on page 15

Space Age Locksmith Supplies, Inc. P.O. Box 740240
Orange City, FL 32774-020
(904) 734-3113 (800) 247-7942
FAX: (904) 734-0559
Key Personnel: John Millan, Pres.
Here at Space Age Locksmith Supplies we will give you personal attention. We are a stocking distributor for major manfuacturers like All Lock, American, Star, Lucky Line, Silca, Valley Forge and others. We stock foreign and domestic car locks, pinning kits, key blanks, padlocks, key machines key rings and more.

Standard Wholesale Hardware Inc. 42 Ludlow St. New York, NY 10002 (212) 353-0450

JACK STEARMAN LTD.
338 West 6th Ave.
Vancouver, B.C. Canada V5Y 1K2
(604) 872-8415
FAX: (604) 875-9174
Key Personnel: John Stearman, Pres.;
Edna Nichols, Operation Mgr.
See ad on page 18

Stone and Berg Wholesale Locksmith Supply 99-103 Stafford Street Worcester, MA 01603 (800) 225-7405 FAX: (800) 535-5625 Key Personnel: Rick Brown, Sales Mgr.; Dick Brooks, Operations Mgr.; Phil Sandstrom, Purchasing Mgr. Strauss Safe & Lock Co., Inc.
1801 2nd Ave.
P.O. Box 716
Des Moines, IA 50314
(515) 288-9571
(800) 532-4107 (Nat'l WATS)
FAX: (515) 288-9752
Key Personnel: Dan Swift, Pres.; Bill Cunningham, Wholesale Mgr.
Founded in 1927, Strauss is one of the oldest locksmith suppliers in the Midwest. We specialize in Weiser, Schlage, Master, and Ilco to name a few.

M. Taylor Inc.
(An LSDA Company)
5635-45 Tulip St.
Philadelphia, PA 19124
(800) 233-3355
FAX: (215) 288-2511
Key Personnel: Don Amole, Pres.;
Matt Helms, Buyer/Marketing
M. Taylor is a distributor for all major
lines of locks and hardware. We have
been serving the Locksmiths since
1912. We also carry a complete line of
LSDA Products. Our motto will
continue to be "Service Taylored To
Your Needs."

TAYLOR SECURITY & LOCK CO., INC. 8585 Atlas Dr. Gaithersburg, MD 20877 (301) 948-7670 (800)676-7670 FAX: (301) 948-1029 Key Personnel: Joel Taylor, Pres.; Myrna Taylor, VP/Sec'y.; Larry Dubit, VP-Op. See ad on page 107

TOP NOTCH DISTRIBUTORS
P.O. Box 189
413 Erie St.
Honesdale, PA 18431
(800) 233-4210
FAX: (717) 253-6765
3688 Research Way
Carson City, NV 89701
(800) 722-4210
Key Personnel: Brian Mikulewicz,
Mgr.; Jim Williams (NV)
See ad on page 27

Trans Atlantic
440 Fairmount Ave.
Philadelphia, PA 19122
(215) 629-0400, (800) 523-9956
FAX: (215) 629-1282, (800) 531-0844
Key Personnel: Norman Millman,
Pres.; Berne Davis, Nat'l Sales Mgr.
We are the oldest (est. 1951) stocking
importer of high quality, commercial
and residential grade builders and
security products from the many
outstanding off-shore manufacturers
we represent for the USA market. We
specialize in locks, deadlocks, rim and
mortise cylinders, panic devices, door
closers and door viewers.

TURN 10 WHOLESALE P.O. Box 746 Marietta, OH 45750 (800) 848-9790 FAX: (614) 374-3322 Key Personnel: Maribeth Miller, Cust. Svc.; Laura Jeanne Miller, Cust. Svc. Andy Miller, Cust. Svc. Stocking Gardall and Meilink safes. All orders receive: free freight, 3 leverls of discounts, complete selection, no minimums, free literature and sales aides, and delivery within 1-5 days. See ad on page 187

Tweeds Locksmith Inc Wholesale Supply Div. 601 Elm Ave. Portsmouth, VA 23704 (804) 399-2180, (800) 544-4482 FAX: (804) 399-1636 Key Personnel: Ernest F. Floyd, Jr., Pres.; Gary A. Waterman, VP; Patricia C. Floyd, Sec'y/Treas. Wholesale distributors, retail sales and services for over 40 years. Distributors of all leading manufacturers, S&G, Kwikset, Ilco, Master Lock, Schlage, American Lock, Simplex, electronic cypher locks, etc.

Union Iron & Metal Co., Inc 2820 Holmes Rd. Houston, TX 77/051 (800) 237-0255, (713) 799-9960 FAX: (713) 799-8483 Key Personnel: Ron Higgins, Exec. VP; Mallory Hoffman, VP; Miguel Araujo, Sales

Continued on next page



Don't panic!
We have Security
Exit Devices.

Continued from previous page

The Urich Lock Co.
316 N. Milwaukee St.
Milwaukee, WI 53202
(414) 272-2080
FAX: (414) 272-5946
Key Personnel: Art Preston, Office
Mgr.; James P. Holzer, CRL & Robert C.
Stein, Security Consultants
The Urich Lock Company has been
supplying, installing and servicing
Door Hardware and Security Locking
devices for residential, commercial,
industrial, and institutional clients in
Milwaukee, Wisconsin and abroad
since 1903. Call for competitive prices
and incomparable delivery times!

U.S. Lock Corporation
77 Rodeo Dr.
Brentwood, NY 11717
(800) 525-5000
FAX: (800) 338-LOCK
Key Personnel: Bob Bloom, VP-GM;
Jim Ellis, VP-Advertising
U.S. Lock is a distributor,
manufacturer, packager and importer
of U.S. Lock brand products and all
national brands of security hardware.
U.S. Lock Security Centers are a
nationwide network of authorized U.S.
Lock dealers that retail U.S. Lock
products as well as national brands.

Veehoff Supply Co.
1515 Lake Ave.
P.O. Box 361
Storm Lake, IA 50588
(712) 732-1836
Key Personnel: B.H. "Ben" Veehoff,
Owner
Nationwide distributors of automobile
masterkey sets, car unlocking tools,
and Star key blanks. We ship to all 50
states and Canada.

Wadsworth White Inc. 5873 New Peachtree Rd., Ste. 100 Atlanat, GA 30340 (404) 458-9449 FAX: (404) 452-7378

Waldron's Security 90 Knox Ct. Denver, CO 80219 (303) 934-2148, (800) 255-0701 FAX: (303) 934-3452 Key Personnel: Donald N. Waldron, Owner

Ray Ware Hardware 4048 Herschel St. Jacksonville, FL 32205 (904) 389-6659 Key Personnel: Tom Jones, Ken Kuder

WedgeCo Tool Supply International 717 122 Ave. NE #4
Bellevue, WA 98005
(800) 452-2304
Wedge-It™ 2 in 1 tool (auto window wedge and door panel removal tool). Electric Trunk Tool No. 1101 "Trunk Popper™, (volt electrical probe). Micro Extractor™, (Broken key removal tool). Corduroy "Locksmith" Caps, X8 Optical Magnifier. Stainless steel forceps (mosquito). Flex extension light. Bic Pens, Magnetic Business Cards.

Wharco 305 North First St. P.O. Box 549 Martins Ferry, OH 43935 (800) 848-5440 (Nat'l) (800) 628-1133 (OH) FAX: (614) 633-5779 Key Personnel: Paul Parnell, Mgr.

Wholesale 4 Inc.
706 S.E. Grand Ave.
Portland, OR 97214
(503) 238-8605
FAX: (503) 235-5636
Key Personnel: Nancy Burt, Mgr.;
Siobhan Mahoney, Sales; Sean
Garrison, Inventory.
Our main objective is service with
same day shipping on any stock item.
Special orders not a problem either.
Large inventory including Auto
Security, ESP, Ilco, Briggs & Stratton,
All-Lock, Adams Rite, Kwikset, Master,
Schlage, Weiser, Fort Lock, HPC, and
much more.

Wilco Supply 5960 Telegraph Ave. Oakland, CA 94609 (800) 745-5450 FAX: (510) 653-KEYS Key Personnel: H.D. Williams, Pres.; R.D. Williams, VP-Op.; Jonathon Clarner, Sec'y./Treas. Over 32,000 security products, electronic access and locksmith supplies including locksets, keyblanks, electric strikes, closers, hinges, key machines, exit devices, maglocks, padlocks, safes, cabinet/builders hardware, automotive security, fasteners, hand and locksmith tools. Sam day shipping, on-line computer order entry, competitive pricing and knowledgeable sales staff.

Williams Key Co., Inc. 2206 Locust St.
St. Louis, MO 63103
(314) 231-2411, (800) 325-1779 (Nat'l)
FAX: (314) 231-4609
Key Personnel: Erma L. Williams, Pres.; Mike Rachocki, GM; George Koester, Op. Mgr.
Williams Key Co. was started in 1968 as a key company selling to local trade. In 1974 it was incorporated and expanded to carry locks and padlocks. We now carry products of over 100 major manufacturers that include all locksmith tools, locks, and hardware. We have a 500 page catalog available.

Yohar Supply P.O. Box 327 Elyria, OH 44036 (800) 362-7416 Key Personnel: Lloyd N. Lopez

Samuel Zeldin Inc. 1700 North 5th St. Philadelphia, PA 19122 (215) 236-8600 Key Personnel: Claire Zeldin, VP Automotive locks is our business. Serving the entire United States. M. Zion Co. Inc. 17 Murray St. New York, NY 10007 (212) 349-8677

ZIPF LOCK CO.
830 Harmon Ave.
Columbus, OH 43223
(614) 228-3507, (800) 848-1577
FAX: (800) 228-6320
Zipf Lock Co. was established in 1908.
We specialize not only in the popular locks but also the hard to find lock functions and designs in Arrow, Kwikset, Schlage, Dexter, Weiser and many more. We are constantly adding to our inventory of over 16,000 items. Give us a call.

See ad on page 14

Correction:

Unfortunately we forgot to note that the codes printed in last month's issue were provided by and copyrighted by HPC, Inc.



Free freight!!

No middle man!!

Click here for more information

112 The National Locksmith

Schools

ACME SCHOOL OF LOCKSMITHING 11350 S. Harlem Worth, IL 60482 (708) 361-3750

Acme's Locksmithing Course was developed for the individual with no experience or prior training, but who wishes to learn the craft and begin a locksmithing career, or for the individual with previous experience who wants to expand and further his abilities and techniques. This course is an in-house, hands-on, training program where you will learn by doing.

See ad on page 106

COLORADO LKSM. COLLEGE INC. 4991 W. 80th Ave., Unit 103A Westminster, CO 80030 (303) 427-7773

Key Personnel: Howard Smith, Pres.
Colorado Locksmith College credits its
growth success to the fact that we teach
established courses, customized courses,
and one lesson courses to our students.
We believe in supply and demand; you
supply the need, we meet the demand.
See ad on page 147

Foley Belsaw Institute 6301 Equitable Rd. Kansas City, MO 64120 (800) 821-3452 (orders only) (816) 483-2700 (customer service)

GOLDEN GATE SCHOOL OF LOCK TECHNOLOGY 3722 San Pablo Ave. Oakland, CA 94608 (510) 654-2677

Key Personnel: Edwin W.L. Scott Jr., Dir.; Charlie L. Cunningham, Chief Instr. Our school utilizes a unique teaching technique in an effort to turn out good, potential employees for the locksmith industry. For those who qualify, we also offer two week short term courses in just about any aspect of locksmithing. We also offer three week short term courses.

See ad on page 170

HPC LEARNING CENTER.
P.O. Box 2093
Schiller Park, IL 60176
(708) 671-6284 Ext. LC,
FAX: (708) 671-6343
Key Personnel: Jerry Hoffman, Chief
Educational Off.; Alan Goeke,
Operations Mgr.; Charlie Cole, Instr.
HPC Learning Center offers state board
of education accredited courses in both
basic and advanced locksmithing.
Available in two convenient formats:
*Evening-Two nights per week (12
weeks, total 84 hours).
*Intensive-Two week Monday-Friday.
(42 hours per week-total 84 hours).

Call or write for further information. See ads on pages 2, 11, 124-127

LOCK & SAFE INSTITUTE OF TECHNOLOGY 1650 North Federal Hwy. Pompano Beach, FL 33062 (305) 785-0444

Complete locksmith course is offered at our South Florida campus. Practicing locksmiths may learn any subject area. Our students learn through "hands on" and field experience., Graduated are given a 24 hour, seven days a week hotline for technical information and help.

See ad on page 155

Lockmasters Inc.
5085 Danville Rd.
Nicholasville, KY 40356
(606) 885-6041
FAX: (606) 885-7093
Key Personnel: Clayton Miller, Pres.;
Wes Day, Ed. Dir.; Allan halverson,
Chief Instructor
Educational Classes: Residential
Locksmithing and all safe and vault
related courses. Correspondence: safe
lock servicing, safe lock manipulation,
safe deposit servicing, lock picking.
Monthly trade magazine: Safe & Vault
Technology; and trade association: Safe
& Vault Technicians Association.



ASP Covers the World of Auto Locks

LOCKSMITHING INSTITUTE OF AMERICA, INC.
116 Fairfield Rd.
Fairfield, NJ 07004
(800) 526-0890,
(201) 575-5225 (NJ)
Key Personnel: John P. Regan, Pres.
The Locksmithing Institute of America, Inc., has been in business since 1948. We offer a complete training program in professional locksmithing and have taught tens of thousands of students all over the world since our inception.

See ad on page 149

Messick Vo/Tech Center 703 South Greer Memphis, TN 38111 (901) 325-4840 FAX: (901) 325-4842 Key Personnel: Steven L.Glass, Instr.

NORTH BENNETT ST. SCHOOL
392 North Bennett Street
Boston, MA 02113
(617) 227-0155
Key Personnel: Jack Hobin, C.P.L., Instr.;
Roy Nielsen, Dir.-Admissions
Founded in 1885, NBSS is an accredited
member of NATTS. Specializing in hand
tool skills, we offer 1170 hours of
training in servicing all mechanical
residential and commercial door-locking
devices, set-up of master-key systems,
install locks, service automotive locks,
and servicing of combination locks...
See ad on page 66

NRI School of Locksmithing 4401 Connecticut Ave., NW Washington, DC 20008 (202) 244-1600
Key Personnel: Bill Coleman, Exec. Dir.;
Tyrone Robinson, Senior Instr.; Rick
Hopkins, Training Coord.
Locksmithing and electronic security
training is now available from NRI
Schools. NRI gives you training in both
locksmithing and electronic security
systems in one complete new course.
You train at home, according to your
schedule. Write to us today for your free
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Pine Technical College
1000 4th St.
Pine City, MN 55063
(800) 521-7463
Key Personnel: John Heckman, CML,
Instr.; Jay Hutchins, Dean-Student Svc.
Pine Technical College, located 60 miles
north of Minneapolis/St. Paul, is one of
Minnesota's 34 technical colleges. In
addition to other business and trade
programs, the college offers a 96 credit
(two year) diploma in locksmithing
technology. The program (including
internship) encompasses all aspects of
the planning, installation, management,
and repair of locks, electronic security,
and allied systems.

Quintilian Institute 5001-A Lee highway #101 Arlington, VA 22207 (703) 525-7525 FAX: (703) 243-5476 Key Personnel: Richard Blackmon, Principal The Professional Locksmith Training School of the Quintilian Institute offers resident classes at the entry level and advanced level. Each of these intensive six day programs utilizes teaching methods proven in our military intelligence programs, rely on extensive practical exercises to develop skills, and employs the most effective tools and techniques.

Security Education Plus P.O. Box 497 Nicholasville, KY 40356 (606) 887-6027 FAX: (606) 887-6027 Key Personnel: Rex E. Parmelee, Pres.

Universal School of
Master Locksmithing
3201 Fulton Ave.
Sacramento, CA 95821
(916) 482-4216
Key Personnel: Rick Vanina, Pres.
Correspondence and shop training.
Working shop environment.

Valley Technical Institute
5408 N. Blackstone Ave.
Fresno, CA 93710
(209) 436-8501
FAX: (209) 439-3814
Key Personnel: G. Haven Young,
Dir./Instructor
New classes starting four times a year.
Basic locksmith class lasting 9 weeks
will cover: lever and warded locks,
disc/wafer tumbler locks, pin tumbler
and automotive locks. Advanced
locksmith class lasting 3 weeks includes
masterkeying and safe maintenance.
Hands-on labs included. Externships
available after completion of programs.



Integrity. Ingenuity.... security solutions.

Alarm Monitoring

ALARM MONITORING SERVICES
5021 Fairfield St.
Metairie, LA 70006
(504) 454-2163
FAX: (504) 454-8706
Key Personnel: Dera A DeRoche, Pres.;
Tammy Bennet, Oper. Mgr.
Alarm Monitoring Services, Inc. was
founded in 1980. The company provides
alarm monitoring services exclusively
for dealers. We are dedicated to
providing the most sophisticated alarm
monitoring services available anywhere.
See ad on page 109

Central Alarm Control, Inc. 13973 SW 140 Street
Miami, FL 33186
(305) 238-0800, (800) 288-6522
FAX: (305) 378-4563,
(800) 933-4563
Key Personnel: Robert Boudreaux, GM
Central Alarm Control, Inc. offers all phases of digital alarm monitoring, long range radio, and derived channel providing service for security, fire, life safety, medical environmental and elevator telephone system. The U.L. listed central station serves over 500 independent installing companies nationwide. C.A.C. has served the industry since 1982.

Emergency Response Center 1514 E. 191 St. Cleveland, OH 44117 (800) 322-3721 FAX: (800)243-3329 Key Personnel: Jim Beck, Network Mgr. National wholesale monitering station. Established in 1980, 35,000 systems online. Dealer support provided.

Emergency 24, Inc. 4179 W. Irving Park Rd. Chicago, IL 60641 (800) 827-3624 (312) 777-0707 FAX: (312) 286-1992
Key Personnel: Dante Monteverde, Pres.;
Maureen Gold, Nat'l Sales Mngr.; Pat
Deveraux, Central Stn. Mngr.
Emergency 24 is a nationwide central
station providing alarm monitering
services exclusively to independent
alarm dealers since 1972. Dealer contract
financing program. Interactive
PC/Mainframe software program
available. Back-up branch central
stations. Exclusive ISDN based phone
number identification services.
Marketing aids and support.

Grand Central Station
23194 Kidder St.
Hayward, CA 94545
(800) 458-4519
FAX: (510) 887-7364
Key Personnel: Mike Cooke, Mgr.; Lisa
Fontillis, Dealer Support
Grand Central Station is an
Underwriters Laboratory listed central
station dedicated to supporting dealers
with quality wholesale monitoring of
burglar and fire alarms. G.C.S. can show
you how to increase your profit s on all
monitoring jobs. We can provide direct
billing for your clients monitoring and
return profits to you.

Monital Signal Corp.
1433 Highway 34
Farmingdale, NJ 07729
(800) 631-2299
FAX: (201) 438-2335
Key Personnel: Ray Sacks, Pres.; Rich McKelligett, Dir.-Op.
Nationwide alarm monitoring and telephone answering service for the security industry only. Down loading of alarm histories and answering service messages to on sight printers at dealers' premises.

National Alarm Computer Center, Inc.

P.O. Box 12520
Santa Ana, CA 92712
(714) 834-1208
(800) 854-3392 (Outside CA)
(213) 687-3917
FAX: (714) 543-6719
N.A.C.C. is a complete all-service U/L monitoring central station for licensed alarm companies, offering a wide variety of state-of-the-art monitoring techniques for all makes of digital dialers and alarm panels. N.A.C.C. Inc. is equipped with a fully redundant computer system.

National Guardian Security Svc. Corp. Suite 550, 155 S. 5th Ave.
Minneapolis, MN 55401
(612) 336-4377
FAX: (612) 333-8358
Key Personnel: Craig Leiser, VP Dealer Op.; Serr Wargin, Office Supv.; Becky Smithwick, Dealer Support Svc.
National Guardian dealer operations has served the monitoring needs of dealers and their customers since 1977. We offer selected hardware purchase and marketing assistance to qualified dealers.

Security Central
312 Park Drive
P.O. Box 5754
Statesville, NC 28677
(704) 872-9857
(800) 222-2579 (NC),
(800) 438-4171 (USA)
FAX: (704) 878-0309
Key Personnel: Gayle H. Brown,
Monitoring Sales Mgr.
Security Central is a UL and FM approved 24-hour nationwide automated central station. All services are via WATS lines, thereby maintaining low-costs. Residential, commercial, industrial and agricultural properties are all a part of the Security Central monitoring network. Marketing, sales and technical assistance available.

Miscellaneous

The Aardvark Extractor 5225-R Stevens Creek Blvd. Santa Clara, CA 95051 (408) 249-9735 Key Personnel: Charles Frazer, owner Stainless steel micro forceps with serrated jaws that open at the tip of a single shaft for removing broken keys tips or small objects from hard to reach areas.

Abbeon Cal Inc. 123 Gray Ave. Santa Barbara, CA 93101-1895 (805) 966-0810, (805) 963-7545 FAX: (805) 966-7659 Abbeon Cal is an industrial mail-order company. Our 500 page catalog includes all types of instruments, as well as laboratory, plant, industrial and drafting supplies.

Air Louvers Inc.
8455 E. Loch Lomond Dr.
Pico Rivera, CA 90660-0988
(213) 948-3495
FAX: (213) 949-4661
Key Personnel: Lou Majesko, Gen. Mgr.;
Ernie Strickland, VP Sales; Shari
Pendleton, Mgr. Customer Svc.
Air Louvers Inc. manufactures a full line
of louvers and vision frames for
commercial doors.

American Eagle Sales

P.O. Box 1091
Grants Pass, OR 97526
(503) 479-6497
FAX: (503) 474-1325
Key Personnel: Herbert R. Bell, Owner;
Shirley M. Bell, Co-owner
Originator and designer of a locksmith
belt buckle that truly depicts the
locksmith image. The buckle is available
both in pewter and brass finishes.

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4208 Dover Rd.
Louisville, KY 40216
(502) 448-6699
FAX: (502) 448-0018
Key Personnel: Lisa Hayes, Mktg. Supv.

116 The National Locksmith

E-Z Tone Magnetic Door Announcer completely non-electric. Needs no batteries. Audible up to 5000 sq. feet. Handsome pearl gray and dark bronze exterior.

The Canadian Locksmith Inc. 137 Vaughan Rd. Toronto, Ontario M6C 219 (416) 653-2199 FAX: (416) 656-3048 Key Personnel: Arnold Sintnicolaas

Darex Corporation
Box 277-220 Hersey St.
Ashland, OR 97520
(503) 488-2224 (800) 547-0222
FAX: (503) 488-2229
Key Personnel: Neal Kinzie, Sales Mgr.;
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Darex Corporation is known through out the world as the leading producer of precision sharpening equipment for drills, endmills and taps. Darex sharpeners are simple, accurate and they will safe you time and money. For complete informtion Darex has available comprehensive literature and a free video.

Direct Safety Co. 7815 South 46th St. Phoenix, AZ 85044 (602) 978-7009 (800) 528-7405 FAX: (800) 366-9662 Key Personnel: Patrick Acton, Mktg. Mgr.; Tom Reine, Product Mgr.

Edu-Tech

P.O. Box 36791
Grosse Pte., MI 48236-1791
(313) 824-2710
FAX: (313) 824-7560
Key Personnel: James K. Warunek, owner.
Distributors of Framon quality products and representing locksmiths/ security technicians who wish to teach their expertise to those already in the trade. Also, Edu-Tech will help those in the trade with their invention and concept of tool design from idea to manufacture and distribution.

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Charlotte, NC 28277
(704) 544-2600
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GNM Videos produce training videos on various subjects. Locksmith and safe training is a large part of our video sales.
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Cincinnati, OH 45227-1494
(513) 271-0333
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Chrm.; Wm. A. Berlier, Pres.; Rick
Fowkes, Sales Mgr.
Manufacturer of specialty cutting
portable power saws, shears and
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and plastics.

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Kewance, IL. 61443
(309) 853-3387
FAX: (309) 853-3389
Key Personnel: Jean Kaine, GM; Jim
Themanson, Mktg. Mgr.; Lanny
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7307 82nd. St. Ct. SW
Tacoma, WA 98498
(800) 258-8458
FAX: (206) 589-1091
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Door reinforcing sleeves, high security strikes and screen/storm door latches and closers.

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Technologies
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Simi Valley, CA 93065
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Samantha is a total home controller that
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FAX: (414) 467-8428
Key Personnel: Elmer Hazen, Pres.;
Larry Market, VP; Jerry Johnson, Sales Lectro Truck, a battery powered hand truck. One man moves load up to 600 lbs. and more. Maneuvers load with pushbutton ease up and down steps, on and off trucks, semis, vans, loading docks, around corners, over landings, bulkheads. Strong steel construction moves with greater safety 1500 lb. load.

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G. C. Ratcliff Co. Inc. 2430 So. 20th St. Phoenix, AZ 85034 (602) 258-5835 FAX: (602) 252-0148 Salespeople: Bill Bailes, Bud Ratcliff, John Hamilton, Dawn Graves Territory: AZ, New Mex., El Paso, TX

Randy M. Rehling 4175 W. Crocus Dr. Phoenix, AZ 85023 (602) 938-1434 Salesperson: Randy Rehling Territory: AZ, NM, El Paso, TX, Los Vegas, NV

California

A & M Sales, Inc.
P. O. Box 5098
Huntington Beach, CA 92615
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FAX: (714) 549-7115
Salespeople: Allan Oblath, Marsha Oblath, Mike Hancock
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Covering the states of southern California, southern Nevada, and Arizona.

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FAX: (818) 358-9169
Salespeople: Denis Daines, Georgia
Daines, Bob Ipema, Chuck Wilson, Bill
Spivens
Territory: So. CA, Los Vegas, NV, AZ,
New Mex., El Paso, TX

Brownell-Phillips, Inc. P.O. Box 321 Tustin, CA 92681 (714) 544-8003 FAX: (714) 544-9301 Salespeople: J. Michael Brownell, Thomas Phillips, Dan O'Rourke, Chuck Jones Territory: Southern CA, AZ, Los Vegas,

Cimaron Pacific 4911 Cabrillo Point Discovery Bay, CA 94514 (510) 634-3395 FAX: (510) 634-7577 Salespeople: Matt Murphy, Gary Smith Territory: No. CA, No. NV

Coffman Associates 1531 Eagle Park Rd. Hacienda Heights, CA 91745 (818) 810-7337 FAX: (818) 810-7337 Salespeople: Barry Coffman, Harry Sanneman. Territory: So. CA, NV, AZ.

Franken and Associates 20746 Elfin Forest Rd. Escondido, CA 92029 (619) 744-0366 FAX: (619) 744-0366 Salespeople: Suzi Franken, Kelly Sadowski Territory: So. CA

Johnston & Dean 11923 Salem Dr. Granada Hills, CA 91344 (818) 831-7788 FAX: (818) 894-0280 Salespeople: Ellen Johnston, John Dean Territory: So. CA, AZ, So. NV

Nicolai & Associates 108 N. McPherson Rd. Orange, CA 92669-3721 (714) 538-5515 FAX: (714) 538-9339 Salespeople: Steve Nicolai, Peter Nichols, Rick Holmes Territory: So. CA, So. NV, AZ

Pacific Marketing Agency P.O. Box 1274 1437 Junewood Pl. Manteca, CA 95336 (209) 823-9001 FAX: (209) 825-5447 Salespeople: Tom Jackson, Helyett Jackson Territory: No. CA, NV

Security West Co. 2211 E. 69th St. Long Beach, CA 90805 (213) 633-4149 FAX: (213) 630-8804 Salespeople: Bill McQuaid, Dick Berreman Territory: 11 Western states

Spectrum Associates, Inc. 1240 N. Jefferson, Suite M Anaheim, CA 92807 (714) 630-6977 FAX: (714) 630-3061 Salesperson: Dick Jensen Territory: So. NV, So. CA, HI

Sprinkle & Associates, Inc. 2031 E. Cerritos Ave., Bldg. 7 Ste. 7B Anaheim, CA 92806 (714) 491-9320 FAX: (714) 491-9496 Salespeople: Bill Sprinkle, Don Mears, John Lauer, Frank Caver. Territory: So. CA, So. NV, AZ

Canada Ironmonger 5200 Dixie Rd. #32 Toronto, Ont. Canada L4W 2A7 (416) 629-4900 FAX: (416) 629-7730 Salespeople: Paul Boyd, Paul Winicki Territory: Eastern Canada

The Lauderdale Sales Co. 1-B Richview Rd., Suite 1106 Etobicoke, Ont. M9A 4M6 (416) 243-5354 FAX: (416) 244-7765 Salespeople: Barry Lauderdale, Robert Renaud Territory: Eastern Canada

Mouldens Ltd. 1497 Adanac St. Vancouver, BC V5L 2C4 Canada Phone: (604) 253-7558 FAX: (604) 662-8460 Salesperson: Margi Moulden Territory: W. Can.

Colorado
Cofrank-Steele & Assoc., Inc.
2650 W. 2nd Ave., Unit 13
Denver, CO 80219
Phone: (303) 922-3692
FAX: (303) 922-8873
Salespeople: George Cofrank,
Brad Steele
Territory Covered: CO, UT, WY, MT, ID, NM, El Paso TX.

The Florentine Co. 7694 W. Coal Mine Pl. Littleton, CO 8 0123 (303) 973-4461 FAX: (303) 973-4813 Salespeople: Tony Florentine, Susan Florentine, Jennifer Florentine Territory: CO, UT, New Mex, WY

Sweeney Associates 920 E. 17th Ave. Denver, CO 80218 (303) 860-1882 FAX: (303) 832-8751 Salespeople: Mike Sweeney, Barbara Bianco, Kevin Lynch Territory: CO, VT, NM, WY, ID, MT, El Paso, TX

Connecticut
Devine Sales
P.O. Box 572
Tarriffville, CT 06081
(203) 651-7240
FAX: (203) 651-9369
Salesperson: Joseph P. Devine

Kevin Kelaher Associates 1317 Corbin Ave. P.O. Box 1928 New Britain, CT 06050 (203) 224-9234 FAX: (203) 826-1103 Salespeople: Kevin Kelaher, Jim Kelaher, Jim McNamee, Leslie Saunders, Herb Kaplow Territory: New England

Florida PASY/DLB & Associates 93 NW 166 St. Miami, FL 33169 (305) 947-4852 (800) 722-4549 FAX: (305) 949-6620

Rand-Mark South, Inc. P.O. Box 5283 Ft. Lauderdale, FL 33310-5283 (305) 484-1284 FAX: (305) 484-6345 Salespeople: A. Hank Stern, I. Jeff Stern Territory: FL, except NW corner

Sunbelt Sales, Inc. 1050 Crystal Bowl CR. Casselberry, FL 32707 (407) 695-6166 FAX: (407) 695-4166 Salespeople: Ken Lund, Stan Schureman, Jason Lund, Diane Lund Territory: FL

Suncoast Marketing Assoc. Inc. P.O. Box 14055 Clearwater, FL 34629 (813) 786-4513 FAX: (813) 785-1234 Salespeople: Mike Barret, Ed Skaalend, Jeff Barnett, Neal Boynton, Tom Melville Territory: FL, GA, AL, NC, SC, TN

Georgia Covil/Russom Associates 2289 Rushmore Dr. Marietta, GA 30062 (404) 992-8725 FAX: (404) 992-0776 Salespeople: Mike Russom, Dave Covil Territory: GA, AL, NC, SC, VA, East TN,FL

Giles & Associates 4713 Hammermill Rd. Tucker, GA 30084 Phone: (404) 493-8811 FAX: (404) 491-1653 Salespeople: Brenda Bundy, George Giles, Greg Baugh, Angela Faircloth Territory: GA, AL, TN

R.E. Perkola Representatives P.O. Box 779 Buford, GA 30518 Phone: (404) 945-7854 FAX: (404) 271-0625 Salespeople: Robert Perkola, Charles Pendleton. Territory: GA, AL, E. TN.

S.B.S. Associates, Inc. 1530 Hillcrest Rd. Norcross, GA 30093 (404) 923-9227 FAX: (404) 923-9262 Salespeople: J. W. Southard, J. Southard, T. Southard, Roy Brown, Buddy Brown, J. Phillips Territory: VA, NC, SC, TN, GA, AL, FL, MS Illinois
F & L Sales & Marketing
228 Des Plaines Ave.
Forest Park, IL 60130
(708) 366-6521
FAX: (708) 366-7581
Salesperson: Steve Floyd
Territory: IL, IN, WI

Grotts & Associates 11727 S. Brightway Mokena, IL 60448 Phone: (708) 479-1324 FAX: (708) 479-6364 Salespeople: Tom Grotts, James Belanger Territory: IL, No. IN, SW WI, MI.

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Guards, and Key Cabinets

Representatives, Illinois

Continued from previous page

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K-M Sales Inc. P.O. Box 2082 Northbrook, IL 60065 Phone: (708) 564-1976 FAX: (708) 564-5602 Salespeople: David Shapiro, Marshall Shapiro. Territory: IL, So. WI.

Midwest Security Sales 12701 Oak Valley Trail Lockport, IL 60441 (708) 301-0604 FAX: (708) 301-8800 Salespeople: Richard Stukus, Jim Miller Territory: IL, WI, NW IN.

Robert Perry Associates, Inc. 509 Lunt Ave. Schaumburg, IL 60193 (708) 894-1700 FAX: (708) 894-3198 Salespeople: Robert Perry DHC/CDL Sandra Perry Elaine Jarzadek. Territory; IL, IN, WI

Gene Simon, Hardware Specialist P.O. Box 51 Flossmoor, IL 60422 (708) 799-8783 FAX: (708) 799-4322 Territory: IL, IN, MI, MN, MO, OH, WI

Smith & Smith Sales Inc. 10928 S. Western Ave. Chicago, IL 60643 Phone: (312) 238-5570 FAX: (312) 881-4258 Salespeople: Robert Smith, Donald Smith, Richard Smith Territory: IL, WI.

Tri-Power Marketing 420 Appley Ave. Libertyville, IL 60048 (708) 680-9460 FAX: (708) 680-0150 Salespeople: Lance Jensen, Marge Ross, Jerry Sadowski Territory: No. IL, S.E. WI, No. IN.

Kansas
Huntsman Representation Inc.
10 Beechwood
P.O. Box 985
Hutchison, KS 67504
Phone: (316) 665-8780
FAX: (316) 665-8780
Salespeople: Wayne Huntsman, Wanda I. Huntsman.
Territory: MO, IA, NE, KS.

Louisiana Lem McCoy Associates 2424 Chestnut St. New Orleans, LA 70130 (504) 895-8818 FAX: (504) 895-7228 Territory: LA, MS

Maryland
Bay Sales Co.
P.O. Box 86
Fallston, MD 21047
Phone: (410) 877-1733
Salesperson: Timothy Flanigan
Territory: MD, DC, VA, DE.

Fallows And Associates Inc. 2322 Harcroft Rd. Timonium, MD 21093 (410) 252-1331 FAX: (410) 252-6134 Salesperson: Jim Fallows Territory: MD, Wash. DC, DE, VA

R.L. Frazier Inc. 19600 Walter Johnson Rd. Germantown, MD 20874 (301) 428-9410 FAX: (301) 428-1718 Salespeople: Paul Frazier, Lee Frazier, Steve Rowles, Randy Jump. Territory: MD, VA, DC

JDL Associates 4941 Brampton Parkway Ellicott City, MD 21043 (301) 750-2225 FAX: (301) 750-1052 Salesperson: Jeffrey Luther Territory: MD, Wash. DC, VA, E.PA, S. NJ, DE

Patton Associates, Inc. 9057 Shady Grove Court Gaithersburg, MD 20877 (301) 258-8844 FAX: (301) 948-7707 Salespeople: H.T. Patton, Jr., J.A. Hardesty. Territory: MD, VA, Wash. DC

Massachusetts Bullard Associates 66 Walnut St. Dedham, MA 02026 Phone: (617) 329-2299 FAX: (617) 329-4438 Territory: New England.

Perlman Associates P.O. Box 45 Accord Branch Hingham, MA 02018 (617) 749-1840 FAX: (617) 740-4647 Salespeople: Ralph Perlman, Irving Perlman Territory: ME, NH, VT, MA, RI, CT

Roy Associates P.O. Box 936 36 Pratts Jct. Rd. Sterling, MA 01564 (508) 422-8641 FAX: (508) 422-3467 Salespeople: Bob Roy, Del Monroe, Steve Monroe, Tim Roy, Penny Blankenship, Norm Langlais. Territory: New England States

Smoot Associates

P.O. Box T Norwell, MA 02061 (617) 659-1803 FAX: (617) 659-1801 Salespeople: Paul Smoot, Shelley Hudsen, Jim Dewar Territory: New England

TED Associates P.O. Box 73 S. Easton, MA 02375 Phone: (508) 238-8055 FAX: (508) 238-8058 Salespeople: Waller Elliott, William Valenti Territory: New England.

Jerry Vinck & Associates 416 N. Moore St. Lee's Summit, MD 64081 Phone: (816) 524-1039 FAX: (816) 525-1315 Salespeople: Michael Vinck, Jerry Vinck, Thomas Vinck. Territory: MO, KS, IA, NE, IL.

Michigan Gordon MacDonald Associates 725 South Adams Rd., Suite L61 Birmingham, MI 48009-6902 (313) 645-6250 FAX: (313) 647-9687 Salesperson: Gordon. Territory: MI, IN, N.W. OH

Minnesota
Galaxy Sales Inc.
41 10th Ave. North
Hopkins, MN
(612) 935-1919
FAX: (612) 935-9836
Salespeople: Dave Nessa, Gary
Clifford, Skip Schultz, Bob
Hammermeister, Tom Nessa
Territory: MN, SD, ND, IA, Western WI

HMR, Inc. 9065 Lyndale Ave., So. Bloomington, MN 55420-3520 (612) 888-2122 FAX: (612) 884-4768 Salespeople: Zev, Carol Territory: MN, ND, SD, Western WI

Kenaco Inc. 12885 Gerard Dr. Eden Prairie, MN 55346 (612) 944-2616 FAX: (612) 944-2616 Salesperson: Ken Anderson Territory: MN, IA, WI, ND, SD, NB

Kodo Associates Inc. 400 East 79th St. Minneapolis, MN 55420-1253 (612) 881-1255 FAX: (612) 881-6893 Salespeople: Brian Lethert, Dan Stelter, Sharon Goetzke, Kodo Kawamura Territory: MN, ND, SD, Western WI

K. S. Sales 1023 Dwane St. So. St. Paul, MN 55075 Phone: (612) 451-3504 FAX: (612) 457-0532 Salesperson: C.E. Garross

Territory: MN, W-Wise, ND, SD.

M.R. Representatives 800 Transfer Rd., Suite 32 St. Paul, MN 55114 (612) 659-0801 FAX: (612) 659-0803 Salespeople: Ken Minehan, Mark Schrantz Territory: MN, ND, SD, Western WI

Northern Market Representatives 3865 Granada Way North Oakdale, MN 55128 (612) 779-7622 FAX: (612) 779-7622 Salespeople: George Hall, Paula Hall Territory: MN, ND, WI, IA, SD

Missouri
Jerry Vinck & Associates
419 N. Moore St.
Lee's Summit, MO 64081
Phone: (816) 524-1039
FAX: (816) 525-1315
Salespeople: Michael Vinck, Jerry
Vinck, Thomas Vinck.
Territory: MO, KS, IA, NE, IL.

New Jersey
Harris & Lobo
1050 Wall St. West
Lyndhurst, NJ 07071
(201) 935-7550
FAX: (201) 935-8738
Salespeople: John Zawrotnak, Wally
Lobo, Todd Gertz, Mike Russo, Rob
Skidmore
Territory: NY, NJ metro area

Herlo, Inc.
623 Eagle Rock Ave.
West Orange, NJ 07052
(201) 731-1600
FAX: (201) 731 7340
Salespeople: Richard Unice, Arthur
Lefkowitz, Gilbert Wasserman, Hy
Hoffman, Hy Mallen, Walt Duszynski,
Carl Mattaliano.
Territory: NY, NJ, Upstate NY

Koines & Alan, Inc. P.O. Box 505 Chester, NJ 07930 (908) 879-7720 FAX: (908) 879-7220 Salesperson: Arthur Koines Territory: NY, NJ

Dave Mc Fadden & Associates 624 Holly Hill Dr. Brielle, NJ 08730 Phone: (908) 528-6607 Salesperson: Dave Mc Fadden Territory: 13 states.

Paul J. Polke Co.
48 Oak St.
Clifton, NJ 07014
Phone: (201) 777-7500
FAX: (201) 777-0820
Salespeople: Ron Hasbronck, Scott
Lemmon, Eric Weinstein, Jim Braiden,
Norm Stevens, John Rein.
Territory: All of the state of New York,
No. NJ.

Triad Associates 903 Teaberry Lane Brielle, NJ 08730 (908) 528-5658 FAX: (908) 223-8396 Salespeople: Stan Rosenthal, Dave Bryant, John Saladucha, William Lane Territory: NY, NJ, Eastern PA, MD, DC

New York
CG Sales Company
Division of Gagliano Enterprises, Inc.
4 Poole St.
Oceanside, NY 11572
(516) 766-6549
FAX: (516) 536-5368
Salesperson: Carmen Gagliano
Territory: Northern NJ, NY State

Glezen Associates Inc. 13 Havens St. Elmsford, NY 10523 Phone: (914) 592-3800 FAX: (914) 592-3813 Salespeople: Rich Hausler, Rachael Simons, Bob Wolfskehl, Fred York. Territory: NY, NJ, CT.

Michael H. Kaye 444 E. 82nd St. New York, NY 10028 (212) 472-1573 Territory: NY Metropolitan area

Continued on next page



LOCKMASTERS S E C U R I T Y MANAGEMENT

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Representatives, New York

Continued from previous page

The Landesman Group Inc. 222 Martling Ave. Tarrytown, NY 10591 (914) 631-6282 FAX: (914) 631-5787 Territory: Metro NY

The Moyer Agency 1848 Bennett Rd. Pine City, NY 14871 (607) 732-2738 (607) 732-7997 Salespeople: Robert Moyer, Fran Johnson, George Moyer. Territory: Upstate NY

Tri-Star Sales
22 Tryon Ave.
Staten Island, NY 10312
(718) 948-6088
FAX: (718) 966-7531
Salespeople: Len Solomon, Bob Moyer
Territory: NYC, Long Island,
Westchester, No. NJ

North Carolina
Everett Dukes Associates Inc.
7517 Orr Rd.
Charlotte, NC 28213
(704) 596-6050
FAX: (704) 596-6060
Salespeople: Mickey Lawson, Everett Dukes Jr., Mark Dukes, Teresa Helms Territory: Carolinas, VA, East TN

Mc Dowell Sales 4000 Rounding Run Charlotte, NC 28277 Phone: (704) 541-0439 FAX: (704) 541-5245 Salesperson: George Mc Dowell Territory: NC.

O'Neill Associates 2317 Cloister Dr. Charlotte, NC 28211 (704) 366-7589 FAX: (704) 365-6417 Salespeople: T.B. O'Neill, DAHC; A.B. Harrington, AHC. Territory: NC, SC, GA, eastern TN.

Tsantes & Assoc. 9237 Kings Canyon Dr. Charlotte, NC 28210 (704) 541-6398 FAX: (704) 541-6397 Territory: NC, SC, GA, FL

Youngblood Associates Inc. 4400 Morris Park Dr., Suite A Charlotte, NC 28227 Phone: (704) 545-4545 FAX: (704) 545-5060 Salespeople: Dave Youngblood, John Williamson Territory: NC, SC.

Ohio
Associated Hardware Agents
P.O. Box 247
Wooster, OH 44691
(216) 264-8051
FAX: (216) 262-1628
Salespeople: Dick Maynard, Al
Langtry, Larry Beeson.

Territory: Ohio, W. PA.

Barnaby Associates 7792 Olentangy River Rd. Worthington, OH 43085 (614) 846-0620 FAX: (614) 846-4881 Salespeople: Richard Barnaby, Susan Barnaby, Richard Kiefes, AHC; Michael Stevenson, M. Dan Price Territory: Ohio, W. PA, W. VA, IN, KY

Barrett Group Inc. 6170 Centre Park Dr. Maineville, OH 45039 (513) 779-9350 FAX: (513) 779-1410 Salespeople: Tom Barrett, Mary Barrett, Fritz Graf, Bruce Smythe, Stu Steck Territory: Ohio, KY, W. VA, W. PA

Bockert & Associates, Inc. 1933 SR 61 Norwalk, OH 44857 (419) 663-2516 (800) 321-7550 FAX: (419) 663-1588 Salespeople: John Bockert, Tony Heavrin, Bob Staten, Jeff Nill, Lawrence Wysocki Territory: MI, OH, IN, KY, TN, W. VA, Western PA, upstate NY, Ontario.

Burson Brothers 24015 Bruce Rd. Bay Village, OH 44140 (216) 871-5952 Salespeople: John Burson, Don Burson, Dave Burson. Territory: OH, W.VA.

EGE 20728 Erie Rd., Suite B Rocky River, OH 44116 (216) 331-2868 FAX: (216) 331-1790 Salespeople Ernest Green, Edward C. Olbrys Territory: OH, W. VA, W. PA

Lent and Associates 4582 San Andres Place Columbus, OH 43230 (614) 476-5544 (614) 476-5559 Salesperson: Gene Lent, Mike Lent Territory: OH, IN, KY, W. VA, W. PA

Howard W. Murray Company 28901 Clemens Rd. Westlake, OH 44145 (216) 835-9390 (216) 835-3776 Salespeople: Mike Murray, Jim Murray, Todd Murry Territory: OH, MI, IN, W. PA, W. VA

Ed O'Grady P.O. Box 29213 Columbus, OH 43229 (614) 882-6800 FAX: (614) 898-9094 Salesperson: Ed O'Grady Territory: W. PA, KY, OH.

The Roach Co. 1600 Jupiter Ave. Hilliard, OH 43026 (614) 771-6006 FAX: (614) 771-6007 Salespeople: Bill Roach III, Peggy Roach Territory: OH, KY

Stanley Tepper & Co. Inc. 6405 Gates Mills Blvd. Cleveland, OH 44124 (216) 461-6110 FAX: (216) 461-1213 Territory: OH, W. VA, W. PA

Oklahoma Tedco Agency, Inc. 1101 Enterprise Ave., Suite 3 Oklahoma City, OK 73128 (405) 948-1622 Salespeople: Ted Bunga, Linda Bunga, Michael Quinnett Territory: OK, AR

Pennsylvania
AHA Inc.
418 Manordale Dr.
Pittsburgh, PA 15241
(412) 831-7877
Territory: OH, W.VA, W. PA.

R.L. Larrabee Mfg. Agency Inc. 600 Haverford Rd. P.O. Box 217 Haverford, PA 19041 (215) 642-0105 FAX: (215) 642-0130 Salespeople: Stephen Larrabee, Larry Larrabee, Thomas Myers, George Johnston Territory: So NJ, E. PA, DE, MD, Wash. DC, VA

Mid-Atlantic Agents, Ltd.
14 Cambridge Rd.
Downingtown, PA 19335
(215) 458-0390
FAX: (215) 458-0261
Salespeople: Robert Cole,
Richard Manley, Whit Summers,
Ed Linaugh.
Territory: NJ, PA, DE, MD, DC,
VA.

Palmer & Golden Sales Inc. P.O. Box 572 Havertown, PA 19083-0572 (215) 328-4888 FAX: (215) 328-4199 Salespeople: Joel K. Golden. Territory: PA, So NJ, DE, MD, DC, VA

Sporkin Associates Inc. 520 Abbott Dr. Broomall, PA 19008 (215) 544-6060 FAX: (215) 544-8040 Territory: S. NJ, E. PA, DE, MD, VA, Wash. DC

Texas Clark & Shuck Associates, Inc. 11311 Harry Hines, Suite 602 Dallas, TX 75229 (214) 247-4692 FAX: (214) 246-3606 Salespeople: Don Clark, Con Shuck, Mike Clark, Lance Reynolds, Dave Popovich

Territory: TX, OK, AR, Shelby Co. LA

Door Controls P.O. Box 292725 Lewisville, TX 75029 (214) 317-4477 Salesperson: Bryan R. Sanderford.

Galis Enterprises, Inc. P.O. Box 13334 Arlington, TX 76094 (817) 461-2079 FAX: (817) 860-6999 Salespeople: Martin Galis, Eric Klein Territory: TX, New Mex., OK, AR

Howard Sales Co. 4625 Ripley Dr. El Paso, TX 79922 (915) 833-7733 FAX: (915) 833-7770 Salesperson: Bill Uhlig Territory: US

Long-Mc Michael Inc. 11034 Shady Trail, #110 Dallas, TX 75229 (214) 351-4813 FAX: (214) 351-4903 Salespeople: Joe Long, Ted Mc Michael, Mike Waltrip Territory: TX, OK, AR, LA.

Security Hardware Marketing Co. 14580 E. Beltwood Parkway, Suite 107 Dallas, TX 75244 (214) 960-2002 FAX: (214) 960-2029 Salesperson: Tony Whitley, Sr. Territory: TX, OK, LA, AR, MS, KS, W. TN

H. L. Simon Company 1314 Huntington Dr. Richardson, TX 75080 (214) 234-8009 FAX: (214) 234-0339 Territory: TX, OK, KS, AZ, UT, CO, NM

Utah Nelson & Associates 927 E. Millstream Way Bountiful, UT 84010 (801) 295-0328 FAX: (801) 295-4535 Salesperson: Mel Nelson Territory: UT, CO, ID, WY, MT

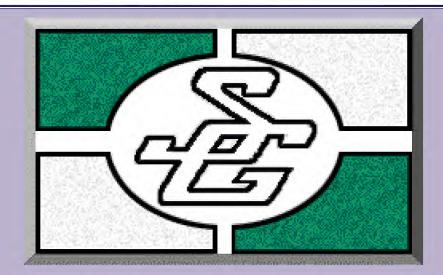
Washington
R. Dulin & Son Inc.
2217 Broadway
Everett, WA 98201
Phone: (206) 252-1200
FAX: (206) 259-4355
Salespeople: Gene Hedrick,
Mary Peterson, Mike Dulin.
Territory: OR, WA, AK, ID.

Frank J. Martin Co. 8512 20th Ave. NE Seattle, WA 98115 (206) 523-7665 FAX: (206) 523-9876 Salesperson: Marty Martin Territory: WA, OR, AK, ID, BC, Alberta Roger Ponto Associates, Inc. 12816 N.E. 125the Way Kirkland, WA 98034 (206) 821-2996 FAX: (206) 823-9827 Territory: AK, WA, OR, ID,MT, HI

Wisconsin
Donald A. Loss Associates Inc.
P.O. Box 340260
Milwaukee, WI 53234
(414) 384-4448
FAX: (414) 384-5577
Salespeople: Jeff Loss,
Matt Loss.
Territory: WI.

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Choose S&G Comptronic electronic safe locks for...security... technology...tradition.

Associations

National
American Lock Collectors Assn.
Contact: Charles Chandler
36076 Grennada
Livonia, MI 48154
(313) 522-0920
Members from: U.S.
Number of members: 250

American Society for Industrial Security Contact: Susan Melnicove 1655 N. Ft. Myer Dr., #1200 Arlington, VA 22209 (703) 522-5800 FAX: (703) 243-4954 Members from: Internationally Number of members: 24,000 Trade Show: 38th Annual Seminar & Exhibit, 8/23/93 to 8/26/93.

ASSOCIATED LOCKSMITHS OF AMERICA (ALOA) Contact: Charles Gibson 3003 Live Oak St. Dallas, TX 75204 (214) 827-1701 FAX: (214) 827-1810 Members from: 50 states and foreign Number of members: 10,000 Meetings: July ALOA '93 Chicago See ads on pages 113, 154

Builders Hardware Manufacturers Assn. Contact: Peter Rush 355 Lexington Ave. New York, NY 10017 (212) 661-4261 FAX: (212) 370-9047 Members from: worldwide Number of members: 80 Meetings: Annual Mfg. October, Spring Mfg. April.

The Door & Hardware Institute
Contact: Richard M. Hornaday
14170 Newbrook Dr.
Chantilly, VA 22021-2223
(703) 222-2010
FAX: (703) 222-2410
Members from: Door & Arch.
Hardware Commercial Security
Number of members: 6,000
Meetings: once a year
Trade Show: Door & Hardware
Inst. Annual Convention, 10/16/93
to 10/19/93 Vancouver, B.C.

Institutional Locksmiths' Assn. Contact: Peter G. Femino, Jr. P.O. Box 4097 Dedham, MA 02026-0902 (617) 577-5409 FAX: (617) 577-5343 Members from: Internationally Number of Members: 400+ Meetings: Varied ICA Mid-Atlantic (Maryland, D.C., Virginia) Area, May 1993

Lock Museum of America Contact: Thomas Hennessy P.O. Box 104 130 Main St. Terryville, CT 06786 (203) 589-6359 Members from: Worldwide Number of members: 600 Meetings: 1st Friday of the month.

National Burglar & Fire Alarm Assn. Contact: Katherine O'Neill 7101 Wisconsin Ave. Suite 1390 Bethesda, MD 20814-4805 (301) 907-3202 FAX: (301) 907-7897 Members from: nationwide Number of members: 3,000+ Meetings: Quarterly Trade Show: International Security Council (ISC) West, Anaheim, CA. Feb. 16-18. 1993.

National Locksmith Suppliers Assn. Contact: Patricia A. Lilly 1900 Arch St. Philadelphia, PA 19103 (215) 564-3484 FAX: (215) 564-2175 Members from: U.S., Canada Number of members: 150 Meetings: April, May

NATIONAL SAFEMAN'S ORGANIZATION (N.S.O.) Contact: Marc Goldberg 1533 Burgundy Parkway Streamwood, IL 60107 (708) 837-2044 FAX: (708) 837-1210 Members from: International Number of members: 1,500 See ads on pages 134-137

Security Industry Assn.
Contact: Michael D. Lane
1801 K Street, NW
Suite 1203L
Washington, DC 20006-1301
(202) 466-7420
FAX: (202) 466-0010
Members from: Nationwide
Number of members:250
Meetings: 3-4 times a year.
Trade Show: Int'l. Security Conference
& Expo, East 8/31/93-9/2/92to
9/27/92,
West 2/16/93 to 2/18/93.

Safe & Vault Technicians Association Ed Rodriguez 5083 Danville Rd. Nicholasville, KY 40356 (606) 885-3916 FAX: (606) 885-7093 Members from: International Number of members: 1,300 Meetings: annually in spring Trade Show: Safe Tech May 17-22, 1993

Alabama
Heart of Dixie Chapter, ALOA
Contact: Larry Warnick
P.O. Box 2022
Decatur, AL 35602-2022
(205)353-2596
FAX: (205)353-8260
Members from: AL
Number of members: 63
Meetings: Quarterly

Arizona
Grand Canyon Chapter, ALOA
Contact: Leon Burge
850 E. 24th St.
Yuma, AZ 85365
(602) 726-8643
FAX: (602)343-0033
Members from: AZ
Meetings: Quarterly

Professional Associated
Locksmiths of Arizona
Contact: Bill Campbell
29 W. Thomas Rd., Suite A
Phoenix, AZ 85013
(602) 263-9777
FAX: (602) 264-4122
Members from: AZ
Number of members: 75
Meetings: Second Tuesday of the
month except December
Trade Show: Southwest Seminar IV
and
Security Trade Show,
February 1993.

California
San Diego Chapter, ALOA
Contact: Stephen L. Wilson
P.O. Box 261486
San Diego, CA 92196
(619) 695-8956
Members from: San Diego
County
Number of members: 60+
Meetings: 3rd Tuesday, odd
months.

California Assn. of Lock & Security Equipment Contractors Contact: Wayne D. Maris 1100 N. Street #5F Sacramento, CA 95814 (916) 446-2726 FAX: (916) 448-1507 Members from: CA Number of members: 100+

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Meetings: 4 times a year, Last Sunday of the month.

California Locksmiths Association Contact: Kelly Ramirez, Exec. Dir. 7300 Artesia Blvd. Buena Park, CA 90621 (714) 521-6000 (800) SOS-LOCK in CA FAX: (714)521-1505 Members from: CA Number of Members: 400 Meetings: Each of 12 Chapters differ. Trade Show: California Locksmiths Association Convention - Nov. 1993 Riverside

L.A./Orange Counties Chapter, ALOA Contact: Wynn Kessler 4009 Layman Ave. Pico Rivera, CA 90660 (310) 692-6063 Members from: Los Angeles & Orange Counties, California Number of members: 45 Meetings: 4th Tuesday

Canada Association of Ontario Locksmiths 2220 Midland Ave., Unit 106 Scarborough, Ont. Canada M1P 3E6 (416) 321-2219

British Columbia Locksmith Assn. Contact: George Hawkes 637 Pine Street B.C., Canada V9K 1J1 (604) 752-1312 FAX: (604) 752-1312 Members from: British Columbia Canada Number of members: 120 Meetings: Quarterly Trade Show: British Columbia Locksmiths Assoc. Show, April 93.

Professional Locksmith Assn. of Alberta Contact: Wayne McMillan Box 68060 Bonnie Doon PO Edmonton, AB Canada T6C 4N6 (403) 465-5083 FAX: (403) 469-8167 Members from: AB, Sask, NWT, BC Numbers of members: 325 Trade Show: PLAA Convention 93, 9/15/93 to 9/19/93

Colorado Colorado Front Range, ALOA Contact: Earl Mitchell 7780 W. 88th Ave. Arvada, CO 80005 (303) 424-3976

Rocky Mountain Locksmiths' Assn. Contact: Kent A. Smith 7931 S. Broadway #323 Littleton, CO 80122 (303) 347-8770 FAX: (303) 795-9585 Members from: Rocky Mountain Region Number of members: 115 Meetings: 1st Tuesday of the month.

Western Slope Locksmiths' Association 306 N. 12th St. Gunnison, CO 81230 (303) 641-3940

District of Columbia
Locksmiths Assn. of
Washington DC Area, Inc./ALOA
Chap.No.5
Contact:Wiiliam V. Breazeale,
CML,CST
11302 Orleans Way
Kensington, MD 20895-1017
(301) 468-8900
FAX: (703) 768-1291
Members from: VA, MD, Dist. of
Columbia
Number of members: 150+
Meetings: 4th Thursday of
the month.

Florida
Central Florida Locksmiths Assn.
Contact: Robert F. Jarvis, JR.
P.O. Box 603
New Smyrna Beach, FL 32168
(904) 428-7233
FAX: (904) 426-6037 (call first)
Members from: FL
Number of members: 60
Meetings: 3rd Wednesday of the month.
Trade Show: S.E.R.L.A.C.,
September 1993.

First Coast Locksmiths Assn. Contact: William L. Hokanson P.O. Box 26637 Jacksonville, FL 32218 (904) 743-0178 FAX: (912) 673-3784 Members from: FL, GA Number of members: 75 Meetings: 2nd Thursday of the month.

Florida-Alabama Locksmith Assn. Contact: Roy Weeks 6 Comet St., SW Ft. Walton Beach, FL 32548 (205) 943-4291 Members from: No. FL, So. AL Number of members: 35 Meetings: Quarterly Trade Show: SERLAC, 9/8/93 to 9/12/93.

Florida East Coast, ALOA Contact: William Watkinson P.O. Box 060238 Palm Bay, FL 32906 (407) 729-9598 Members from:East coast of FL. Meetings: 3rd Sunday of the month.

Florida West Coast Locksmith Assoc. Contact: Carlton Babineau 3245 Bay to Bay Blvd. Tampa, FL 33629 (813) 837-2898 Members from: west coast of FL Number of members: 30 Meetings: 3rd Thursday of the month. South Florida Chapter, ALOA Contact: Donald Barraclough 6414 Pembroke Rd. Miramar, FL 33023 (305) 962-4535 FAX: (305) 989-7735 Members from: South FL Meetings: First Thursday of the month

South Florida Locksmith Assn. Contact: ChristinePorter-Busch P.O. Box 14322 Ft. Lauderdale, FL 33302 (305) 681-6872 FAX: (305) 681-7646 Members from: Dade, Broward, Palm Beach, Monroe County Number of members: 150+ Meetings: 3rd Thursday of the month. Trade Show: SERLAC, 9/8/93 to 9/12/93.

State of Florida Board of Locksmiths, Inc. Contact: Kathleen Reynolds P.O. Box 215 Sanford, FL 32772-0215 (407) 322-4757 Members from: FL Number of members: 66 Meetings: November, February, May. Trade Show: Lockfest 93, 5/29/93 to 5/30/93.

Georgia
Dixie Locksmith Assn.
Contact: Sara Smith
129 Sunset Lane
Albany, GA 31705
(912) 888-7233
Members from: GA, TN, AL, FL, VA
Number of members: 123
Meetings: 1st Saturday of
even months.
Trade Show: SERLAC, 9/8/93
to 9/12/93.

Georgia Chapter, ALOA Contact: Danny W. Rudd P.O. Box 83 Morrow, GA 30260-0083 (404) 961-4474 Members from: GA Number of members: 219 Meetings: 3rd Saturday of odd months.

Hawaii
Hawaii Chapter, ALOA
Contact: Thomas Carrion Jr.
91-919 Ft. Weaver Rd., Ste. 113
Ewa Beach, HI 96706
(808) 689-0332
Members from:HI
Meetings: 2nd Wednesday every other
month.

Illinois Illinois Locksmiths Association Contact: Joseph Stevens (618) 295-3415 Meetings: 1st Sunday of each month

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Greater Chicago Locksmiths Assoc. Contact: John J. Greenan, Pres. 6216 W. North Ave. Chicago, IL 60639 Members from: IL,IN,WI Number of members: 100 Meetings: 1st Wednesday of each month. Trade show: GCLA Midwest Trade Show, Sept. 17-20, 1993

Indiana
Associated Locksmiths
of Indiana
P.O. Box 2714
Indianapolis, IN 46206
Members from: IN
Number of members: 60+
Meetings: 3rd Wednesday of the
month.

Central States Locksmith Assn. Contact: David Kerr 6 Carol Ct. New Albany, IN 47150 (502) 244-7077 FAX: (502) 244-7076 Members from: No. KY, So. IN Number of members: 25 Meetings: 3rd Wednesday of the month.

Northern Indiana Chapter, ALOA Contact: Larry L. Votaw P.O. Box 60 Angola, IN 46703 (219) 665-2127 Members from: No. IN, So. MI, NW OH. Number of members: 23 Meetings: 2nd Sunday of the month.

Southern Indiana Chapter, ALOA Contact: Lloyd Graham P.O. Box 133 Huntingburg, IN 47542 (812) 683-4811 Members from: Southwestern Central Indiana Number of members: 20 Meetings, 3rd Sunday every other month.

Iowa
Iowa Locksmith Assn.
Contact: Kenneth Novey
125 School St.
Marion, IA 52302
(319) 377-4295
Members from: IA
Number of members: 75
Meetings: Every other month.
Trade Show: MINK, Sept. 1993.

Kansas Great Plains Locksmith Assn. Contact: Dennis Davidson 1715 Ave. A Dodge City, KS 67801 (316) 225-1701 Members from: KS Number of members: 36 Meetings: Bi-monthly. Kansas Chapter, ALOA Contact: Elvis Hammerschmidt, CPL 706 Allen Hays, KS 67601 (913) 625-3969 Members from: KS Number of members: 22

Kentucky
Central States Locksmith Association
Contact: David Kerr
6 Carol Ct.
New Albany, IN 47150
(812) 948-0569, (502) 244-7077
Members from: IN, KY
Meetings: 3rd Wednesday of the month.

Kyana Chapter, ALOA Contact: Ken Schwedler, CML 206 N. 4th St. LaGrange, KY 40031 (502) 222-1955

Louisiana
Ark-La-Tex Locksmiths Assn.
Contact: Bill Warren
P.O. Box 44337
Shreveport, LA 71134-4337
(318) 222-1433
Members from: LA, TX, AR
Number of members: 65
Meetings: 2nd Tuesday, every
other month.

Louisiana-Mississippi Locksmith Assn. Contact: Donald Rule', CML Rt. 1 Box 189A Starkville, MS 39759 (601) 324-2658 Members from: LA & MS Number of members: 150 Meetings: Oct. and March Trade Show: Lou-Miss Spring Convention March 19, 20, 21 1993

Maine
Pine Tree State Locksmith Association
Contact: Maurice Robichaud, CPL
79 Chestnut St.
Lewiston, ME 04240
(207) 784-5085
FAX: (207) 782-2415
Members from: ME
Number of members: 92
Meetings: 2nd Tuesday of the month

Maryland
Maryland Locksmiths Assn.
Contact: Bob DeWeese, CRL
P.O. Box 12398
Balto, MD 21281-2398
(410) 633-0111
Members from: MD, DC, VA, DE, PA
Number of members: 150+
Meetings: 3rd Tuesday of the
month.
MLA 3rd Annual Educational
Extravaganza Nov. 6-8 1992

Massachusetts
Massachusetts Chapter, ALOA
Contact: Robert Whitmarsh

200 Weir St.
Taunton, MA 02780
(508) 823-4649
FAX: (508) 880-6385
Members from: MA
Number of members: 50
Meetings: 2nd Monday of September,
December, March, June.

Massachusetts Locksmiths Assn. Inc.
Contact: Mario Lituri
P.O. Box 2384
Woburn, MA 01888
(617) 893-2117
Members from: Springfield
MA to Cape Cod
Number of members: 260
Meetings: 2nd Wednesday &
3rd Wednesday
Trade Show: Massachusetts
Locksmiths Assn. Mini Show.

Massachusetts Locksmiths Association, Central Group Contact: Seth Deraerian P.O. Box 262 Worcester, MA 01613 (508) 757-1434 Members from: central MA Meetings: 3rd Wednesday of the month

Michigan
Locksmith Security Assn.
Contact: Salvatore Dulcamaro, CML
19559 14 Mile Rd.
Clinton Twp., MI 48035
(313) 791-5416
Members from: MI
Number of members: 100
Meetings: 1st Thursday of the
month.

Southeast Michigan, ALOA Contact: George Guffey, Jr. 5504 Schaefer Dearborn, MI 48126 (313) 581-8440

Minnesota
Minnesota Chapter, ALOA
Contact: David Dalby
14251 Fisher Ave. NE
Prior Lake, MN 55372
(612) 894-1700
FAX: (612) 894-1850
Number of members:85
Meetings: 1st Wednesday of the month.

Mississippi Mississippi Chapter, ALOA Contact: William Heard P.O. Box 1289 Meridian, MS 39302 (601) 482-8525

Missouri
Gateway Locksmith Association
Contact: Joe Clements
Box 63128
St.Louis, MO 63163
(314) 865-2242
Members from: MO & IL
Number of members: 47
Meetings: 3rd Sunday of month

Missouri-Kansas Locksmith Assoc.
Contact: Ron Barron
2405 SW Duncan Dr.
Topeka, KS 66614
(913) 271-5212 FAX:
(913) 273-4719
Members from: MO,KS
Number of members: 150
Meetings: 2nd Tuesday of the month.
Trade Show: MINK Sept. 93

Montana
Montana Chapter, ALOA
Contact: Dale Crosby
1900 3rd St. NW
Great Falls, MT 59404
(406) 452-0139
FAX: (406) 452-0139
Members from: MT, So. AB
Number of members: 27
Meetings: 4 times a year.
Trade Show: Spring Meet of
Montana Locksmith, April 1993.

Montana Locksmith Assn.
Contact: Ella Gaffaney
1805 Highland
Helena, MT 59601
(406) 443-5583
Members from: MT, ID, WY,
Canada
Number of members: 34
Meetings: semi annually
Trade Show:10th Annual MLA
Convention, 4/22/93.

Nebraska Nebraska Chapter, ALOA Contact: Bradley N. Bouden 3 Durwood Ln. Hastings, NE 68901 (412) 463-6661

Nebraska Locksmiths Association Contact: Elvis Hammersmit 706 Allen Hays, KS 67601 (913) 625-3969 Members from: NE & KS Meetings: 4th weekend of the month Convention: Educational Weekend, Last week of April 1993.

Nevada Sierra Nevada Chapter, ALOA Contact: Dean Yount P.O. Box 5387 Sparks, NV 89432-5382 (702) 329-6059 Members from: 200 mile radius from Reno Number of members: 200 Meetings: 3rd Tuesday of the month.

New Hampshire
New Hampshire Locksmiths Assn.
Contact: Robert Wyman, II
P.O. Box 831
Sommersworth, NH 03878
(603) 693-3694
Members from: NH, MA, VT, ME
Number of members: 53
Meetings: 4th Sunday of the month

New Jersey
Master Locksmith Association of New
Jersey
P.O. Box 2441
Morristown, NJ 07962
(908) 747-2313 (convention only)
FAX: (908) 747-2779
Number of members: 60+
Meetings: 3rd Monday of the month
Trade Show: MLANJ Show, April 1-4,
1993

New Jersey Locksmiths' Assn. Contact: Ray Favocci, Jr. P.O. Box 941 Piscataway, NJ 08854 (908) 780-1550 FAX: (908) 780-1553 Members from: NJ Number of members: 50 Meetings: 2nd Wednesday of the month, September thru June.

South Jersey Locksmith Assn. Contact: Richard Hess 73 Westminster Dr. Voorhees, NJ 08043 (609) 772-5840 Members from: So. NJ Number of members: 75 Meetings: 4th Tuesday of the month.

New Mexico New Mexico Chapter, ALOA Contact: William Fadgen 4200 Wyoming Blvd. NE Albuquerque, NM 87111 (505) 293-6555

New Mexico Locksmiths Assn.
Contact: Steven Highland, CML
10401 DelicadoPl., NE
Albuquerque, NM 87111
(505) 884-7444
FAX: (505) 884-8585
Members from: NM
Number of members: 170
Meetings: Central Chapter,
2nd Saturday of the month,
SE Chapter & So. Chapter,
Quarterly.
Trade Show: NMLA, June 25,26,27,

New York
Central New York Locksmiths Assn.
Contact: John Rosko
P.O. Box 115
Chittenango, NY 13037
(315) 687-3655
FAX: (315) 472-0958
Members from: 75 mile
radius from Syracuse
Meetings: 3rd Sunday of the
month.

Nassau Suffolk Master Locksmith Assn. Inc. Contact: Gregory Scala 112 Broadway Amityville, NY 11701 (516) 691-5837 Members from: Nassau County & Suffolk County Number of members: 147 Meetings: Last Tuesday of the month. Trade Show: NSMLA 1st Annual Awareness Show Fcb. 1993

New York Locksmiths Association Contact: Brian Star 1558 Second Ave. New York, NY 10028 (212) 535-2289

North Carolina
North Carolina Locksmith Assn. Inc.
Contact: Kathy Stewart
809 Wicker St.
Burlington, NC 27217
(919) 227-7559
Members from: NC, SC, VA, FL
OH, AL
Number of members: 300
Meetings: Quarterly
Trade Show: North Carolina
Locksmith Assn. 2/20/93.

North Dakota
North Dakota Chapter, ALOA
Contact: Todd Ladwig
1102 Main Ave.
Fargo, ND 58103
(701) 232-9440
FAX: (701) 232-9446
Members from: ND, NW MN
Number of members: 18
Meetings: Quarterly.

Northern Prairie Locksmith Assoc. 83 S. Terrace Fargo, ND 58102 (701) 232-8579

Ohio Valley Chapter, ALOA Contact: Dave Sohngen, CML 2061 Beechmont Ave. Cincinnati, OH 45230-1664 (513)232-2424 FAX: (513)232-0088 Members from: OH, KY, IN Number of members: 35-40 Meetings: 1st Wednesday of the month.

Oklahoma
Oklahoma Master Locksmith Assoc.
Contact: Jackie Roberts
11910 S.E. 44th Street
Oklahoma City, OK 73150-2914
(405)741-5838
FAX: (405) 741-5838
Members from:
AZ,AK,CO,OK,TX,MO.
Number of members: 198
Trade Show: Oklahoma Locksmith and
Safe Experts Exhibition, Feb. 6 & 7,
1993

Pennsylvania Greater Philadelphia Locksmith Assoc. Contact: Bob Mock P.O. Box 1101 Philadelphia, PA 19136 (609) 665-3386 Members from: PA,NJ,DE,MD,VA,KY,NY

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Associations, Pennsylvania

Continued on page 133

Number of members: 175 Meetings: 3rd Monday of month Trade Show: 43rd Annual GPLA Convention and Awards Banquet, April 21-25, 1993

Keystone State Chapter, ALOA Contact: Barry K. Leas P.O. Box 261 Eagleville, PA 19408-0261 (215) 539-9292 FAX: (215) 539-4418 Members from: PA Number of members: 40 Meetings: 3rd Tuesday of the month.

Western Pennsylvania Locksmith Assn. Contact: Leo S. Firanski 1009 4th Ave. Coraopolis, PA 15108 (412) 262-5625 Members from: W. PA Number of members: 75 Meetings: 1st Wednesday of the month.

South Carolina
South Carolina Locksmith
Association
Contact: Jeanie Griegs
P.O. Box 264
Camden, SC 29020
(803) 432-8099
FAX: (803) 432-1030
Members from: SC,NC,GA,TN
Number of members:198
Meetings:
Quarterly;Jan,Apr,July,Octlast full weekend

Tennessee
East Tennessee Locksmiths
Association
201 W. Main St.
Johnson City, TN 37604
(615) 928-0926

Middle Tennesse Locksmith Association Contact: Rick Cheatham P.O. Box 733 Antioch, TN 37011-0733 (615) 790-2027 Meetings: Monthly

Smokey Mountain, ALOA Contact: Marian M. Swann P.O. Box 52923 Knoxville, TN 37950-2923 (615) 522-0841 (615) 453-7718 FAX: (615) 546-1046 Members from: East TN Number of members: 75 Meetings: 1st Saturday of month

Tri-State Locksmith Association Contact: John Singleton 1261 Wellsville Rd. Memphis, TN 38117 (901) 685-1130 Members from: TN, MS, AR Number of members: 12 Meetings: 1st Tuesday of each month West Tennessee Chapter, ALOA Contact: Pat Walker 1643 Bartlett Rd. Memphis, TN 38134 (901) 372-7464 FAX: (901) 372-7464 Members from: W. TN, E.AR, No. MS Number of members: 30 Meetings: 2nd Thursday of the month.

Texas
Greater Houston Locksmiths Assoc.
Contact: Paul N. Cheatham III
1100 Blackhaw
Houston, TX 77079
(713) 493-4855
FAX: (713) 293-7107
Members from: Greater Houston metro area and surrounding counties.
Number of members: 170
Mectings: 2nd Tuesday of each month.
Trade Show: GHLA Trade Show

Locksmith Association of San Antonio Contact: Wanda Robbins P.O. box 21156 San Antonio, TX 78221 (210) 923-4381 FAX: (210) 977-8398 Members from: Greater San Antonio area Number of members: 75 Meetings: 2nd Thursday of month Trade Show: Lockfest Aug. 1993

Northeast Texas Chapter, ALOA Contact: L.A. Parry 1106 S. Main, Suite 3 Duncanville, TX 75137 (214) 296-6602 FAX: (214) 296-6785 Members from: Northeast TX Number of members: 220 Meetings: 1st Tuesday of the month.

Sunbelt Chapter, ALOA Contact: James W. McElwee 1420 East 2nd Odessa, TX 79761 (915) 335-0072 Members from: SW. TX, SE. NM Number of members: 30 Meetings: 1st Saturday of every quarter.

Texas Locksmith Association Contact: Butch Titus 2813-B East Southcross San Antonio, TX 78223 (210) 532-8889 FAX: (210) 532-2119 Members from: all over the SW US Number of members: 800 Trade Show: Texas Locksmith Convention & Trade Show Feb. 16-21

Vermont
Green Mountain Locksmiths
Assn. Inc.
Contact: D.A. Keenan
P.O. Box 246
Essex, VT 05451

(802) 878-4694 Members from: VT Number of members: 40 Meetings: every other month.

Washington
Northwest Locksmith Assn.
Contact: Jeanne Lodge
238 S. Wenatchee Ave.
Wenatchee, WA 98801
(509) 663-5610
FAX: (509) 662-8652
Members from: NW. WA
Number of members: 350
Meetings: 3rd Tuesday after
the 2nd Wednesday
Trade Show: NW Tri Regional
Locksmith Conference,
10/31/93 to 11/11/93.

West Virginia
West Virginia Tri-State
Area Locksmith Assn. Inc.
Contact: Roger A. Casey
2846 Overlook Dr.
Huntington, WV 25705
(304) 522-2499
Members from: Tri-State
Area, KY, OH, WV
Meetings: As called.

Wisconsin
Wisconsin Locksmith Association
Contact: Debra Soderland
9535 West Layton Ave.
Greenfield, WI 53228
(414) 327-5625
Members from: WI
Number of members: 30

Wyoming
Wyoming Locksmith Association
Contact: Betty Crenshaw
413 Randall Ave.
Cheyenne, WY 82001
(307) 634-2915
Members from: WY,SD,NE,MT
Number of members: 39
Meetings: Quarterly
Trade Show: very small-distributors
sometimes do

Wyoming Locksmith Assn., ALOA Contact: Allen McCumber 1026 Alger Ave. Cody, WY 82414 (307) 587-3035 Members from: WY, NE, SD, CO, MT Number of members: 45 Meetings: Quarterly

















by Tom Seroogy

1992 Toyota Previa

"To open the vehicle, we measured approximately 12 inches back from the window edge and lowered the tool 6 to 7 inches."

ou'll be glad to find that the 1992 Previa, while a dickens to open, is on the easy side when it comes to making keys. (See photograph 1.)



1. The 1992 Toyota Previa.

To open the vehicle, we measured approximately 12 inches back from the window edge (see photograph 2) and lowered the tool (see photograph 3) about 6 to 7 inches below the weather strip. Then turning the end towards the inside of the vehicle we picked up on the tool. There was allot of resistance while trying to pull the tool up, this is normal. After tearing down the door panel, we found that the tool had to tear through a thick piece of plastic. Once the tool poked through the plastic, it was easy to maneuver up and over the lock bell crank (see photograph 4), pulling down to open the vehicle (see photograph 5).

Alternate methods were hard to find, and, when used, were hard to accomplish. A heavy plastic cover guards the rod that goes to the bell crank. Although very difficult, and not recommended, a simple slide lock tool will slip (a better word is "forced") behind the cover, allowing access to the rod (see photograph 6).

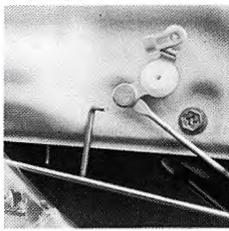
We found the easiest way to make a key for this vehicle was to remove the passenger side door lock (see photograph 7). A key code is stamped on this lock. As seen in photograph seven, the lock is part of the handle, making it necessary to remove the handle.



2. Opening the vehicle.



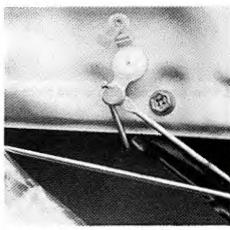
3. Opening the vehicle.



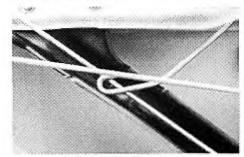
4. Moving the tool up to the bell crank.

The inside door panel to the Previa is actually two separate pieces (see photograph 8). Gaining access to the handle requires removing the top panel only; an easy task. First, remove the armrest screw. This is found beneath a plastic plug at the bottom end of the armrest (see photograph 9).

Prv the bottom of this panel back to separate it from the door. Be careful not



5. Pushing down on the bell crank opens the vehicle.



6. A thick plastic cover makes access to the lock rod difficult.



7. Previa door lock is part of handle.

to pull the panel completely away from the door yet. The lock and latch rods are attached to the panel, and a wire harness must be disconnected. Gently lift up on the panel to separate it from the door. Disconnect the lock and latch rods and the wiring harness. (See photograph 10.)

In many Toyotas the lock can be removed from the handle at this point. With the Previa, however, there is no room to accomplish this. Two screws

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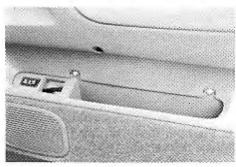








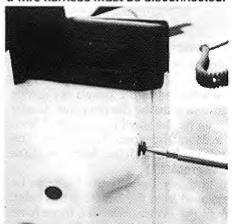
8. Door panel consists of two pieces.



9. Remove the armrest screw.



10. Before separating the panel from the door the lock, and latch rods, and a wire harness must be disconnected.

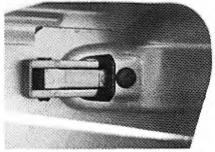


11. First handle screw is on door edge.

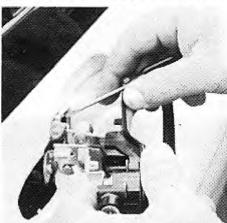
142 The National Locksmith

must be removed to take the handle out of the door. One is located at the edge of the door (see photograph 11), while the other is inside (see photograph 12). Even with the screws removed it was tough to maneuver the handle out of the door far enough to disconnect the lock and latch linkage. (See photograph 13.)

After the handle is free the lock can be slid out of the handle once the wire retainer has been removed (see photograph 14). As seen in the photograph, the lock uses a replaceable face cap, and the key code (not quite visible) is stamped on its side (see photograph 15). The lock holds 7 opposing wafers.



12. Second handle screw inside door.



13. Disconnect the lock and latch linkage from the handle after it has been removed.



14. Wire clip retainer holds lock.



15. The door lock.

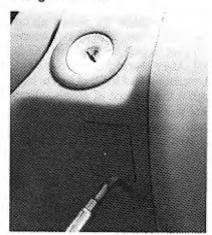
Should the lock need to be rekeyed, remove the face cap and clip that holds on the pawl. Carefully slide the plug out from the cylinder.

The Previa ignition cylinder can be removed without tearing down or removing a column shroud. A small plastic cover just below the switch gives access to the cylinder retaining button.

To remove the ignition, first remove the trim ring around the cylinder face (see photograph 16). Next, take down the small cover located just below the lock (see photograph 17). Insert your key and turn to the "ACCESSORY" position. Depress the retaining pin (see photograph 18), and pull the ignition out (see photograph 19).



16. Removing the trim from around the ignition face.



17. Dropping the plastic cover to gain access to the ignition retaining pin.

Disassembling this ignition is similar to other Toyota ignitions. There are three pins that retain the face cap. Two of the pins are found at the side of the face, while the third goes through a flange or tongue at the top-back part of the face.

To remove the two pins from the side of the cap, drill an access hole from the back of the face cap, directly

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by Dale Libby

Retrofitting a Mosler

"Think about what has to be done to a Mosler safe or money chest to allow other brands of locks to retrofit it."

To retrofit, or not to retrofit, that is the question? Before we start to explore the positive and negative aspects of this interesting aspect in safe servicing, we must try to define the term "Retrofit."

I looked up the term in my pocket dictionary, and it was not listed. Here is what it means to me: It is the taking of a lock or device, installing it in a safe and making it work. The newly installed mechanism was not made for the designated unit, but it works and meets "your" specifications.

To put into exact words: There are many manufacturers of Group II combination locks. The major manufacturers include LaGard, Precision, Sargent & Greenleaf, and of course Mosler. This first three on the list all interchange quite well with each other, but none of them interchange easily with Mosler. The essence and point of this article is to make you think about what has to be done to retrofit other brands of locks into a Mosler safe or money chest.

I will not list a specific lock. Instead I will go through all the basic parts and discuss the "worst" possible obstacles one might face. I am doing this is because it is hard to get a genuine Mosler replacement lock in a reasonable amount of time and at a reasonable price; whereas, other manufacturers make their products

easily available to the locksmith, safe technician, and the exalted safecracker.

The only parts of Group II combination locks that are standard, and do not need changing are the combination lock mounting holes. A Mosler Group II and all the other Group II combination locks have a common mounting hole pattern as well as a similar size lock body. Everything else is somewhat different. Let's start from the outside and work in:

Except for Mosler most dial ring mounting holes are standard. When Replacing the dial and ring, it will often take some ingenuity to mount Continued on page 160

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the new ring. You have two choices:

1. You can drill two new holes in the safe door to mount the dial ring. The holes must be drilled and then tapped for the 8/32 inch mounting screws. This is easy enough in a fire safe door, but if you are dealing with the "Supersteel" chest doors that hardens when you are drilling it, retapping the holes will result in a broken tap. A messy situation.

2. I opt for redrilling the new dial ring to match the existing mounting holes of the old dial (see illustration To do this, put the old and new dial back to back, mark the holes, and drill the new dial. This way the new dial ring will mount to the Mosler factory dial mounting holes.

There is nothing specific to do with the dial and spindle other than cutting it to the required length. However, the spindle hole must be enlarged to accept the 5/16" common diameter spindle that the other manufacturers use. Mosler uses large spindles up to 3/8" or larger, with a 1/4" cut-down threaded end for the drive cam (see illustration 2). The holes in these

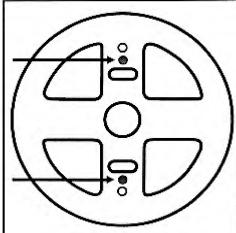


Illustration 1
Occasionally new holes have to be made in the standard S&G dial ring to accommodate the Mosler mounting screw location. (See arrows)



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The top spindle is a Mosler. It is length specific and cut down at the end. Only the last inch is threaded to 1/4 x 28. The spindle size ranges from 3/8" to 1//4" at the end. This is a representation of a non-Mosler replacement spindle. It is threaded the

This is a representation of a non-Mosler replacement spindle. It is threaded the entire length and can be cut down to any size that is needed. (5/16" diameter.)

Illustration 2

safes may also be cut down near the inside.

Thus, we must enlarge the hole to comfortably accept the 5/16" spindle with a little room to spare. Most times this is easy, unless hardplate or Supersteel is encountered. If it is, drilling to somewhat larger hole can be time and drill bit consuming. More on the relocker plate later.

As stated earlier, the lock body will bolt or screw into place easily. The only component of the new lock body that may have to be altered is the combination lock bolt itself. Here are a couple of instances.

 Sometimes Mosler uses longer bolts on their combination locks.

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by Carl Cloud

Safe Work Can Kill You!

"Locksmithing, especially safe work is very stressful. The recurring "heart burn" was a sign that I should have heeded."

T here was a burning sensation in the center of my chest. The pain permeated through to the center of my shoulder blades. I rotated my shoulders trying to find a position to ease the discomfort. "I must have pulled a muscle or pinched a nerve, " I thought while loading my tool boxes into my truck. Within minutes, both sides of my throat and the roof of my mouth were burning. The sensation then extended across the top of my shoulders and down into my upper arms. I suddenly felt weak and a little nauseous. I couldn't understand what was happening to me.

I had read or watched all the television warnings about the symptoms of a heart attack; the feeling of a heavy weight on your chest, shortness of breath and the ever popular pain in your jaw or left arm. I wasn't having any of these symptoms, but I knew something was wrong. In reality, I was having a heart attack.

My medical history doesn't show any signs of heart problems. An occasional skipped beat showed up on an EKG a couple of years ago. Its insignificance was of little concern to my doctor and no medication was advised. The recent recurring "heart burn" was a sign that I should have heeded. Often, we see the writing on the wall but think the message is for someone else.

Locksmithing and especially safe work is very stressful. Much of the work is an emergency. The customer needs something opened right now! During your opening procedures, a barrage of questions is often encountered from the impatient customer. "How much longer will it be?". "Have you ever opened a safe like this before?" "The last time this happened, the guy opened it in just a few minutes." "Don' t you have one of those things to listen to the tumblers?" These verbal intrusions not only break your concentration but add a few more degrees to the blood pressure.

Even the simple task of changing a Continued on page 173



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Continued from page 170

safe combination can cause one to be apprehensive. This is specially true for the apprentice who has little experience and may be unsure of his task. Many beginners walk away from their safe jobs saying a little prayer-

"God, I hope I haven't forgotten something before closing that safe door." I'll tell you a little secret, the old timers have the same prayer. When you become over confident and the job becomes blase, this is when mistakes start to occur.

The human body reacts when encountering the emotional strains of anxiety, frustration, impatience, worry or just mental fatigue. This stress causes your body to produce adrenaline. This substance makes the heart pump faster and harder, raising the blood pressure and in some cases increases the cholesterol levels.

"Cholesterol" has become a household word in modern day physical fitness. The bad cholesterol, those with low density lipoproteins, are the one that contribute to the fatty buildup on the walls of the arteries. This buildup is like a deposit forming inside a metal pipe. In time, the inside diameter of the pipe becomes smaller

and smaller and eventually stops the flow. When this happens within the arteries of the heart, the flow of blood carrying oxygen is stopped. That part of the heart not receiving oxygen, dies.

The good cholesterol, with high density lipoproteins, scrubs the artery walls and sends the fatty substance to the liver where it leaves the body through digestion.

How do we get more of this "good cholesterol?" You can help your body to produce it. First, reduce the red meat intake and the fatty dairy products. You must stop smoking. Strive to get back to your ideal body weight and participate in a regular endurance exercise. This doesn't mean you have to be "pumping iron"- a brisk walk in the evening will do wonders.

I'm not a doctor, nor do I have any degrees in medicine, but I experienced a heart attach and learned what I should have been doing to take care of my body. My words of wisdom are to get you thinking about yourself or loved one. Talk to your family doctor for your specific needs.

I had made a seven o'clock appointment for Friday morning to open a Mosler G.S.A security file. After a hearty breakfast, I bounded out the door into another hot muggy morning.

The air conditioning for the building at the job site had been turned off during the night. When I arrived, the office areas were still quite warm and the heat in the small room with the safe was uncomfortable.

The job was to only open the Mosler file, no repair. Although the total opening took no more than thirty minutes, by the time I had finished, my clothes were soaked with sweat. The hard plate had taken a little more time than usual to penetrate. This meant a couple more minutes of strenuous pushing against the pressure bar of the drilling rig.

If the circumstances were different, I may not have had any physical problems. But, here are the contributing factors. A large breakfast that automatically raised my blood pressure. A light breakfast before hard physical labor, then a snack to raise the blood sugar after the job was completed would have been wiser.

The moist heat of the day. Both hot and cold weather cause the heart to work harder, to either help cool or warm the body. The overheating of the body caused the heart additional strain.

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The Lighter Side

Tales of the Tundra



by Sara Probasco

ou don't know what a remote service call is, until you're dropped off in the frozen Northwest Territory on an isolated airstrip in the middle of the night," I heard, recently, at a locksmith convention in western Canada, "and you're told that if somebody doesn't show up within a few minutes, you might want to use the phone on that pole at the end of the runway to get a ride in to the trading post before you freeze."

"You're pulling my leg," I replied.

"No, he's not," responded a second locksmith, "I had the same thing happen to me. The pilot buzzed the trading post on the way in, and then set me off out there on my own. It was dark, when we got there- of course, it's dark all the time up there, this time of year-but you couldn't see a blasted thing. The air, itself, seemed frozen; my breath turned my mustache into a solid sheet of ice. I never will forget how I felt when the plane took off and left me standing there in the dark, on this little excuse of a landing strip, out in the middle of nowhere, all by myself. It's a scary feeling, I can tell you, standing out there in the freezing cold with no sign of humanity, nothing, not even a polar bear, just hoping somebody would come to get you before you freeze to death."

"What would a locksmith be doing up there like that, in the first place?" I asked, shivering at the thought.

Both men gave the same answer: "They had problems with their safes and flew us up there to fix it. It was more economical for them than trying to bring the safe to us."

Those of us living and working in cities, towns, or even rural regions within a couple of hours' drive from populated areas have trouble identifying with the problems which existing in truly isolated parts of the world can bring. Before my conversation with these two men, I had never given much thought to how a person would handle a safe problem when there was no safe technician for hundreds of miles of frozen tundra and no way in, except flying. Sometimes, a problem can't wait for the Spring thaw.

I was reminded of the television program, "Northern Exposure" as I listened to one of the men relate his experiences. He had been brought there to open a large, mal-functioning safe at the trading post—an isolated building where trappers, Eskimos, and anyone else who happened through the area might stop to warm themselves, trade for needed supplies, and exchange a few words with another human being before moving on.

A large, old, combination safe was hidden away in one of the back areas, out of sight, and it was locked tight. You may imagine, the safe was not serviced on a regular basis. In fact, it probably had never been serviced since moving it onto the site, too many years ago to count.

Nevertheless, the locksmith managed to get it open and soon had it restored to smooth-operating condition.

He couldn't help thinking about safecrackers in urban areas, and he wondered if they ever had such problems up there, but he did not ask. However, not knowing how confidential the information might be regarding the presence of the safe, or his reason for being at this frozen outpost, he followed his usual practice of revealing nothing except to his contact there.

Having completed his work, he was silently warming himself before the fire, awaiting the arrival of his airborne conveyance home, when an old Eskimo woman shuffled through the front door, approaching the fire.

"You got cigarettes?" she asked.

"No. I'm sorry, I don't smoke," the locksmith replied politely.

They stood together before the

crackling fire in silence for a moment.

"You live around here?" she asked.

"No, I don't." The silence seemed awkward, but the locksmith decided not to offer further explanation.

Moments passed before the woman said, "You don't look like a trapper."

"No. I'm not."

"Then you must be the guy - came to fix the safe," she said, nodding. She looked at the expression of surprise on the locksmith's face. "I heard the plane," was all she said, leaving the locksmith to assume that there were few secrets around the old trading post.

They stood there in silence a moment more. Then she said, "You sure you got no cigarettes?"

"No. No cigarettes," the locksmith replied.

"OK," she said, and she shuffled out the front door of the trading post into the frozen afternoon.

During our flight home, Don and I were conversing about these tales. 'The next time you grumble about having to pull a service call to some remote area, I want you to remember this and be glad we live in a temperate climate," I said.

"Can you imagine the time and mileage fees between Edmonton and the Northwest Territory? Or the Yukon!" he responded, shaking his head in wonder. His eyes took on a mischievous gleam. "I can't wait for the next person who complains about my trip charges up to the river."

"Well, you must admit, there's one good thing about being near the Arctic Circle, this time of year," I said.

"Yeah? What's that?"

"You'd be one of the first stops on Santa's list."

"Are you kidding? Once he gets airborne in that frozen country, he's out of there! He might kick a present or two off the sleigh for you as he passes over, but when he starts yelling, 'On Dasher. On Dancer. On Prancer and Vixen,' and cracking his whip, he's not about to slow things down. Don't you know? All that 'Ho, ho, ho!' business is because he's so happy to be heading south!" §

Beginner's Corner

Ford Auto Ignition Lock Service



by Eugene Gentry

T his article will give you information on how to service some of the Ford auto ignition, door and trunk locks. Theo Nielson, manager of Security Plus Inc., took time to explain the procedures for service.

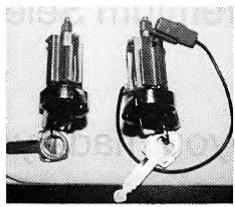
If you are going to work on Ford or other automotive locks, you will need a service kit. The Ford service kit contains pins, wafers, springs and retainers.

On the 1965 and older Fords, a single bitted key was used. In 1970, the ignition lock on the Ford was changed to mount into the steering column and was secured by a retaining pin. A common ignition lock is a five pin with a double cut key in use since 1977, some of the newer cars are using a ten cut double sided key.

The five pin ignition lock has either a pig tail buzzer switch or a standard buzzer switch mounted on the top of the lock. (See photograph 1.) A common problem is that part of the buzzer switch breaks off and falls into the key way. This prevents the key from being pushed into the lock. Remove the broken part with broken key removal tools. These buzzer switches can be purchased separately and are interchangeable on the lock as needed.

To remove the ignition lock, take off the plastic shroud that surrounds the steering column. Turn the key to the "ON" position, then use an ice pick or awl to depress the retaining pin. The lock can now be removed for service.

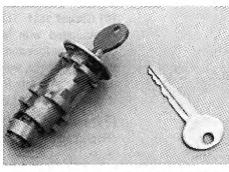
You will notice that the spring retainer on the lock is held on by metal that has been pressed tight against the sides. Use a thin bladed screwdriver to pry the metal away. Now pry the retainer upward from each end, holding your thumb over it, so the



1. Ford ignition locks with pigtail buzzer and standard buzzer.



2. Uncoded Ford door locks. No pins.



3. 1981 Ford Thunderbird trunk lock.

springs will not pop out. When you have changed the pins, install a new retainer. To close the retainer use a sharp instrument to Punch the metal against the sides of the retainer.

When service is finished, push the ignition lock back in the steering column and replace the shroud.

When you purchase an uncoded Ford door lock, it has no pins, springs or retainer. (See photograph 2.) This is one reason you need the Ford service kit.

One advantage to the Ford door lock is that you can pin it to fit the ignition lock. Some times fleet owners

want just one key for doors and ignition.

There are some Fords, Mustangs and pickups, that you do not need to remove the door panel to take out the door lock. If you look at the edge of the door you will able to see the edge of the retaining clip. Pull this clip out and you will be able to remove the lock. Other Ford autos require removal of door panel to get to the clip.

Do not remove the face cap of this lock. Load the pins from the top. To service, pry up on the retainer cap, being careful that the springs do not pop out. Load new pins from the top. Install a new retaining cap, punching all four corners to close the cap.

(See photograph 3.) This is a trunk lock from a 1981 Thunderbird. The problem was that the key would turn around but the trunk would not open. I drilled out the lock and used a long screw driver through the hole to turn the latch. Inside, I found the problem to be the tail piece had fallen out of the rear of the lock.

I tried to pull out the clip that held the lock in place, but on closer inspection found it was held on by a rivet. When the rivet was drilled, the clip came off. Some of the trunk clips are held on by a screw.

The owner wanted his old door key to fit the new lock. This lock had the metal pressed to the side of the retainer so this had to be pried back in order to remove the retainer. After the pinning was completed, a new retainer was installed, and the metal was punched to close the retainer.

The new locksmith should try to get as many service books that he can on auto lock work. Attend classes offered for training to learn all you can and to keep up with all the new cars and new locks that are coming out

This tip was passed on by Bob Rebeka. Place some duct tape, turned backward, with the sticky side out, on the tip of your slide lock auto opening tool. This gives better grip on the linkage. §



















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'92 Toyota Previa

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18. Depress the retaining pin...



19...and remove the Ignition.

behind the pin. Use a scratch awl or similar device to pry or push the pins out

To remove the third pin, drill from the side of the cylinder, next to the pin. The area directly around the pin is hollow. Once the drill has gone through and into this area, the pin can be pried out with a scratch awl or similar device.

While the all the locks are currently dealer-only items, Auto Security Products does offer pinning kit #A30-105 for rekeying or tumbler replacement. §

Retrofitting Mosler

Continued from page 160

These bolts are drilled and tapped to accept screws that attach the active bolt to the combination bolt. When retrofitting, a longer new bolt must also be drilled and tapped the same as the Mosler bolt

2. Sometimes Mosler attaches either



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blocker bars or angled metal strips to the end of their bolts. The new bolt must be removed and drilled and tapped, using the Mosler bolt as a guide or template. Once the new bolt is threaded correctly the Mosler part can be mounted onto the new bolt. Then the bolt should be reinstalled and tested in the new lock.

After testing the component parts of the lock installed in the Mosler safe, there is one other area of protection that must be dealt with, namely that of external relocking devices.

Group II combination locks come with internal relocking triggers which are activated if the dial spindle is punched through the back cover of the combination lock. They are all different and all good, and they do what they are supposed to. The trouble originates when trying to tie in relocking devices, which are relockers external to the combination lock body. predominant areas (there are many) include double-duty relockers and plate activated relocking levers. We will discuss these two realms to give you an idea of what you are up against.

The case of double-duty relockers is somewhat easy. They are attached to the back of the combination lock by means of the screw holes that hold on the back cover of the lock. These metal plates are drilled specifically for the screw mounting pattern of Mosler covers. No other locks have the same pattern as Mosler, so it becomes necessary to (in the most simple of circumstances) redrill the plates to accept the mounting holes in the new combination lock. Most times this works, with other minor modifications in length and alignment of the relocker parts.

The second problem is with the record safe relocker plate that sits under the combination lock. In the Mosler mode, if the dial is punched, the large end of the spindle will push out the plate releasing a spring loaded lever that hooked to the opening handle cam, relocking the safe.

After retrofitting and drilling the plate so the new spindle will go through the hole, this part of the relocker protection in negated. If a hole is drilled and the lock body punched from another position, then the new lock and old plate will set off the lever handle.

I do not advocate the removal of any relocker or relocker system, but there are times when it is easier and more practical to leave off some parts if they

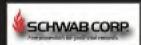


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will not retrofit correctly or if the modifications prove too expensive for the customer. Good sense will guide your judgment.

To retrofit a non-Mosler safe with a Group II combination lock or to change the whole combination lock on a safe may take 40 minutes or less. To retrofit a Mosler safe with a non-Mosler lock may take two hours or less (or more). One must charge accordingly, especially when dealing with the dreaded and diabolical Mosler safes and chests. Retrofit and Prosper! §

Safe Work Can Kill You

Continued from page 173

The physical exertion under the heat conditions. When the sweat begins dripping, that's the time to take a break

Step outside and cool down or rinse off your face and arms with cool water. While you're taking a break, look around for a fan to move the air around in the work area.

The cause of my heart attack was from the clotting of the blood. Blood normally flows easily through vessels that have smooth walls. Materials within the liquid of the blood are constantly searching for a nick or break in the walls of the vessels. Its job is to attach to the damaged area and form a clot, which prevents any infectious germs from entering into the blood stream.

Alarm bells were going off all over my body. The blood pressure was abnormally high, the body temperature was at a danger level and physical exertion was close to max. The clotting material within the blood was frantically searching for any signs of problems. When blood came racing through the narrowed artery, it sensed an unusual roughage of the wall. Believing this area of fatty buildup to be a danger to rest of the body, the clotting material did its job - it clung to the rough wall and began forming a clot. A second clot joined the first and restricted the blood flow and the oxygen. The reduced oxygen caused cramping and spasms to that part of the heart and I began to feel the pain.

After being admitted into a hospital, I was immediately scheduled for a visit to the cardiac catheterization lab. This room is designed and equipped for the sole purpose of physically looking directly into the heart.

A cardiologist began by numbing an area on my right groin. The stick of the



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needle was the only discomfort felt during the entire procedure. A catheter was inserted into the large blood vessel of the groin. The catheter, like a long skinny end viewing scope, traveled up through my body and directly into my heart. The cardiologist was not only able to manipulate the catheter into all the chambers and arteries of the heart, but he could see what was happening in these areas. What a fantastic scoping job this was!

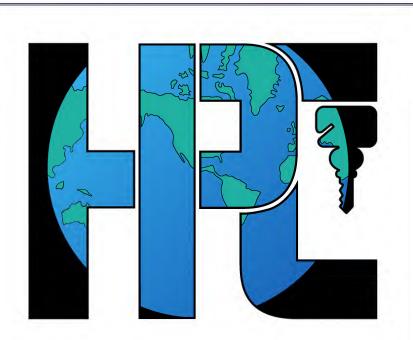
I was lucky. The narrowing of the artery wasn't enough to be totally blocked by the blood clots and little if any damage was inflicted upon that portion of the heart. A medication will thin and lessen the clotting of the blood until I correct my poor health habits.

My second heart attack (just kidding) occurred when I received the bills for the eight days of hospitalization. In my wildest imagination, I couldn't have conceived of the exorbitant cost of health care. The hospital bill exceeded twenty eight-thousand dollars. (Yes, \$28,000.00) The doctor bill and all those little extra odd and ends, brought the total to nearly thirty fivethousand dollars. (That's \$35,000.00!)

I am truly grateful for the doctors' expertise and the excellent care I received while a patient in the hospital. But, I find it difficult to justify the cost of the service. If I had needed heart by-pass surgery, the cost could have exceeded many years of my annual income. The middle class, those hard working people of our country can't afford to get sick. Those who do, often cannot afford the cost of medical care to get well.

If you don't have insurance or inadequate health insurance, you're flirting with disaster. Be prepared to loose all you've worked so hard to gain or face the discomfort of bankruptcy.

We love our chosen vocations and hope to continue doing it for a long time. The spirit is always willing, but the body needs to be kept able and fit. It isn't just us old folks (62 years) that have heart problems, my hospital room mate was thirty-two years old. He had the identical condition. Take a long hard look in the mirror, it might save your life. Besides, it's no fun writing these articles if you're not around to read them. §



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