

MARCH 1974

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YOU CAN HELP TAP

If you can contribute any information that you think other readers would be interested in, please do so. TAP readers are the main source of our information. You can help by meeting employees of phone and power companies, alarm places, etc., and asking them about questions other people raise in the newsletter. Be sure to get details and maintain contact in case you have additional questions. Most employees of those companies would be glad to screw their boss and they'd probably be interested in TAP, too. We hope that a lot of you will gather information so we know what the scene is around the country and Canada.

We also need info on the following:

Automatic Blue Boxes-With info about where they're necessary.

Vending Machines-Locks, getting stuff, etc.

Locks- New code books, picking Medeco, Sargent Keso, tricks, etc.

Radio- Setting up your own Station, Schematics, legal stuff, jammers, etc.

Burglar Alarms-Holmes and other central station alarms, bypassing, electronic keys and picking, etc.

Also, Magnets, Overseas Phreaking, and Chemistry.

Pay Phones- How they work, operator's consoles and procedures, bypassing, using boxes on, coin relay info, etc. We need a digital genius to develop a 74161 programmable divider circuit that needs work. Can someone do it?

Are you interested in building projects in TAP but afraid that you don't have the know-how? If so, you should know that our Electronics Correspondence courses are designed to give you a fast introduction to electricity and to get you started building projects. We're trying to put out 8 courses that will allow beginners to build any project in TAP by the time they're done reading them and doing the experiments. Four courses are ready now and they're 50¢ each (free if you can't afford it). The newest one is Amplifiers, Course D. Also A, Basic Electricity, B, Alternating Current, and C-Basic Phone Operation.

Dear TAP,
Union Oil Co. is reportedly salting away gasoline in its dead service stations. Next time you find such an ostensibly folded station, it wouldn't hurt to see if the storage tanks are really empty (Union may not be alone in the use of the tactic); if there's gas there, feel free to indulge in the "spirit of '76".

-CALIFORNIA-

Dear TAP,
I have heard a rumor that operators in Boston have been giving only minor hassles to C.C. callers, the usual ploy

being a question as to whether the caller is using the 1974 number or last years. This has proven to scare off only the most nervous of customers.

-MASSACHUSETTS-

The Benevolent Association of Relentless Exhibitionists association with the American Streaking Society, better known as B. A. R. E. A. S. S., announced in Daytona Beach Florida that the world's first streaking championship will take place on the world's most famous beach during the Easter Holidays. Champion streakers from all over the U. S. A. are expected to compete as well as a large contingent of foreign competitors. For further information write General Delivery, Peninsula Station, Daytona Beach, Fla. 32018. . . BIT in London publishes the best guide around to going to or through any country-\$6.00 airmail and it's called Overland through Africa. Has methods and tips for getting through cheaply. They also publish stuff that you should see if you're heading to Europe. Write BIT, 146 Great Western Rd., London W11(tel. 012208219 alias KP04412298219 ST). Send Int'l Money orders only, no checks please. . . N. J. Bell is replacing glass phone booths with Kayrex, a rigid vinyl, as part of their Coin Patrol program(Quack!). Doors are being removed from booths and they'll convert all the phones to single-slotlers by 1976. Finally, they're installing curved pieces of sheet metal at the appropriate level inside the booths so that liquids directed at the sides of the booth are deflected to the customer's feet. . . Paranoid? Aren't we all! RESIST, 763 Massachusetts Ave. #4, Cambridge, Mass. 02139 publishes a Movement Security Kit which tells what to do to keep your cool with police, agents and grand juries and even has some true stories about a few sicko agent-types who give radicals a bad name. Send a stamped, self-addressed 8x11 envelope and \$1 to them. . . This month TAP salutes Detroit, Michigan, home of the unemployed big car workers and the pollution-causing companies that had the foresight to build 10 mile-per-gallon cars for the last decade. General Motors (556 4661 083S) helped make this country what it is today. And with April 15 coming up, the IRS (226 7220083X) and (226 7340 083Z) and (226 7727 083Q) is looking forward to spending your dollars in freedom-loving enterprises around the world. Detroit is area code 313.

Dear TAP,

There is a type of sandwich machine, with 13 tiers of 10 compartments, which cycle past a column of sliding doors in chain fashion at the push of a button. Cycle the sandwich you want to the door for that tier, pay your money, and take your chances. If, instead of sliding the door to the right, one slides it up against the track, pries the bottom of the door slightly outward via the crack at the bottom, & then pulls the door down and slightly outward, enough space is left at the top to squeeze a sandwich past (or maybe more than one); no deposit, no return. Don't do this; some gluttonous fool may observe your technique, empty the machine and inflict a serious case of indigestion upon themselves. It is considered lacking in style to cave in the front panel of this (or any vendor) with a hammer, or to remove it with a glass cutter (or chemicals, in the case of plastic panels).

When the man comes to refill the vending machines, and leaves his keys in the lock with his back turned, do not take the key ring away; this will get him in trouble.

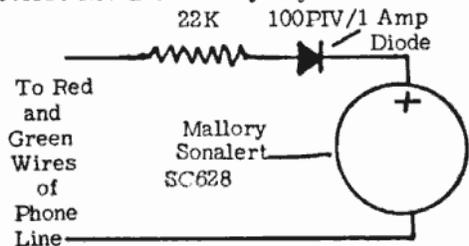
-CALIFORNIA-

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Movement groups may reprint with TAP's address, and please send us copy of reprinted work.

Pacific Telephone and New England Telephone are starting programs to track down extra extensions installed by customers. The programs are expected to run several years and they'll eat up a lot of money for the sole purpose of making people pay outrageous charges for Bell-owned extension phones. They check the number of ringers that are connected as we've said before, by measuring the capacitance in series with the ringer. We were told that the voltage used to check is 100 but we'd like to know for sure. A line relay using a sensitive relay and a .5 Mfd. capacitor (Issue 17) can drive multiple bells or other signalling devices if you need extra bells. Or a Mallory Sonalert can be hooked up to provide non-detectable signalling. Or the capacitor in the phone can be hooked up in series with 2 bells instead of one, thus giving the same capacitance. If the phone company tells you they've detected a freebie, say you'll disconnect it. You can put it on later after removing bell. Not appearing cooperative will lead to a visit from Security, so be nice and dumb.

Here's a neat way to double the number of bells in your home undetectably. Simply replace the .5 or .4 Mfd. capacitor in your only ringing phone with a .2 Mfd. 200 volt capacitor in each of two phones. The bells won't be quite as loud as the old one was but they'll be loud enough for most purposes. In Western Electric phones, remove the wires that go to the A and K screws and attach one to each end of the .2 capacitor, wrap up tightly with tape, and you're done. In Automatic Electric phones, the big gray capacitor is sitting next to the bell. Remove the two wires from it and wrap them tightly around the new capacitor, seal the whole mess with tape and close up the phone. Doing this to each of two phones makes the phone co. think you still have one .4 or .5 Mfd. capacitor because the two .2's add up to .4.

Reverse Red & Green if you get constant tone.

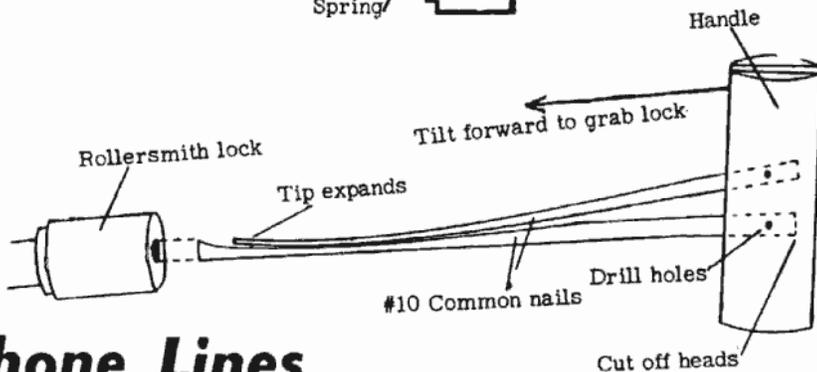


MAKE A KEY FOR YOUR ROLLERSMITH LOCK

One of our master craftsmen just built this beautiful rollersmith key and it works like a dream. Unlike the nail method in TAP 23, this key allows you to put the lock back on! (As well as take it off, of course). You'll need an electric grinding wheel and two 5/32" diameter nails that are at least 3" long. Since the hole in the lock is exactly made for a 5/32" rod, grind the nails down so that they'll slip into the hole when the top nail is slid back, but not when it's slid forward, as shown in the diagram. Bend the backs of the nails so that there's a 1/8" space between them yet they lie flat against each other along their length. It's easy to see that when you tilt the handle forward the tip of the key expands and grabs the moving cylinder in the lock. Now pull the key outwards while keeping the top of the handle tilted forward, and voila! off it comes.

Drill the holes in the nails for the pivot screw and mount it in-between two pieces of wood for a handle. You can put a rubber band around them so they don't flop around when not in use.

We smashed open a lock to find that it's built a little differently than we pictured in Issue 23. The spring is in the middle and there's no lip for a nail to grab.



Blast Damages Phone Lines

By ADRIANNE THOMAS
Denver Post Staff Writer

An explosion under the west end of the W Colfax Avenue viaduct Monday night severed three main telephone cables and caused minor damage to homes, businesses and cars in the area, police reported.

Detectives Fred Stevenson and Robert Weyand of the police bomb squad said the blast, at 8:50 p.m., was caused by a "high explosive—either plastic or dynamite."

Stevenson said the U.S. Treasury Department's Bureau of Alcohol, Tobacco and Firearms was assisting local police in the investigation.

Debris collected at the scene will be examined in the federal agency's laboratories.

Heaviest damage was to five Mountain Bell telephone cables that enter an underground conduit at the site of the blast.

Jim Kercheville, Colorado public relations manager for Mountain Bell, said three of the lines were severed or torn up and the other two were "nicked."

The explosive apparently was placed directly on the telephone cables, Kercheville said. He said he has no idea on possible motives.

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RENEW IF YOUR ADDRESS HAS A 17 OR LESS NEXT TO IT.