

Beat the great boating rip-off



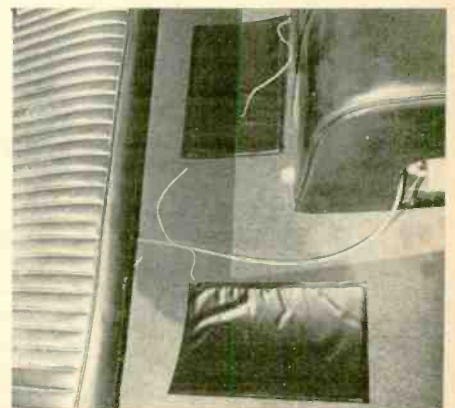
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Unfortunately, the amount of attention devoted to this end usually consists of an occasional glance at the carport, sneaking a quick peek out the window, and a smug self-assurance that "nothin' can happen to me!". As an alternative, California Electronics Industries is now marketing a fully-automatic security system that will serve as your watchdog. You simply install the system according to directions

If someone tries to tamper with the boat or trailer, you and he will be the first to know. A piercing siren will immediately sound, and continue to sound, until two minutes *after* the disturbance has ceased. The alarm then resets itself and guards against any subsequent attacks.

Basically, the security system utilizes a solid-state alarm module that is mounted in a semi-hidden location in the boat, a public address horn, and all wiring and hardware required for the installation. Optional features that may be used in conjunction with the security system include pressure-sensitive—and water-proof—floor mats, a water/gas fume detector, visible strobe light, and a wireless, belt-clip pager that operates



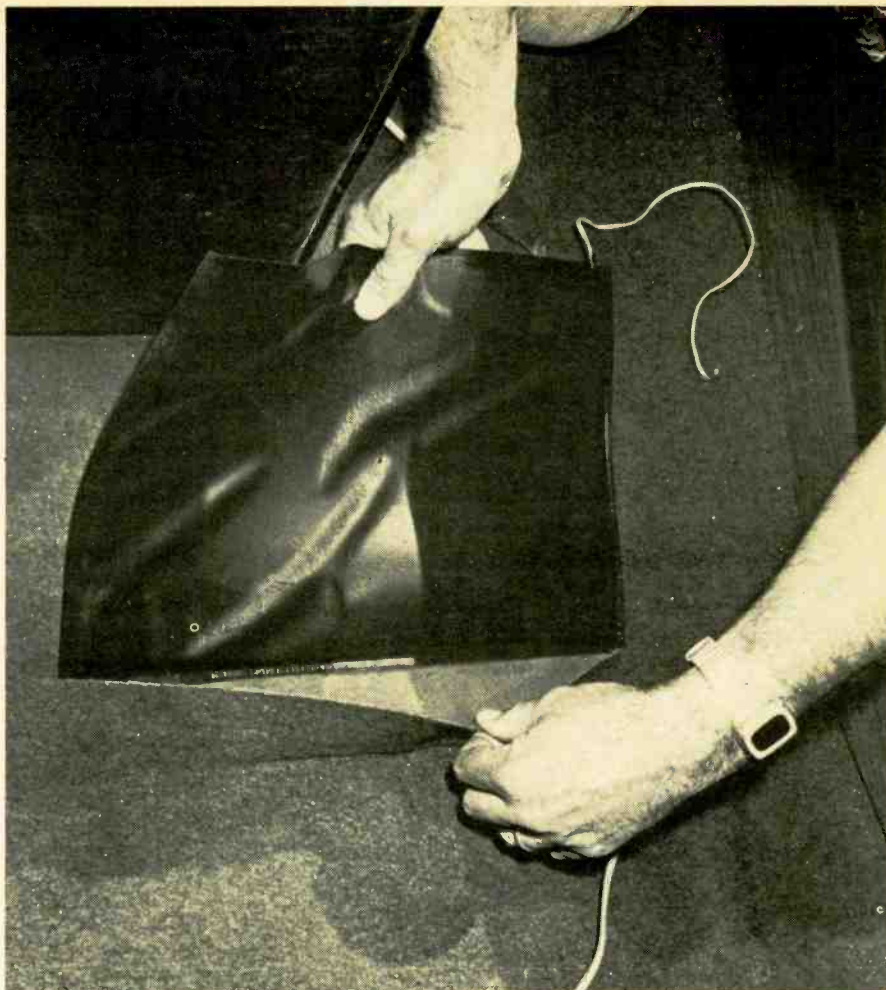
If you decide to utilize the optional pressure-sensitive mats, then your first step will be to locate desirable positions for the mats along all floor areas.



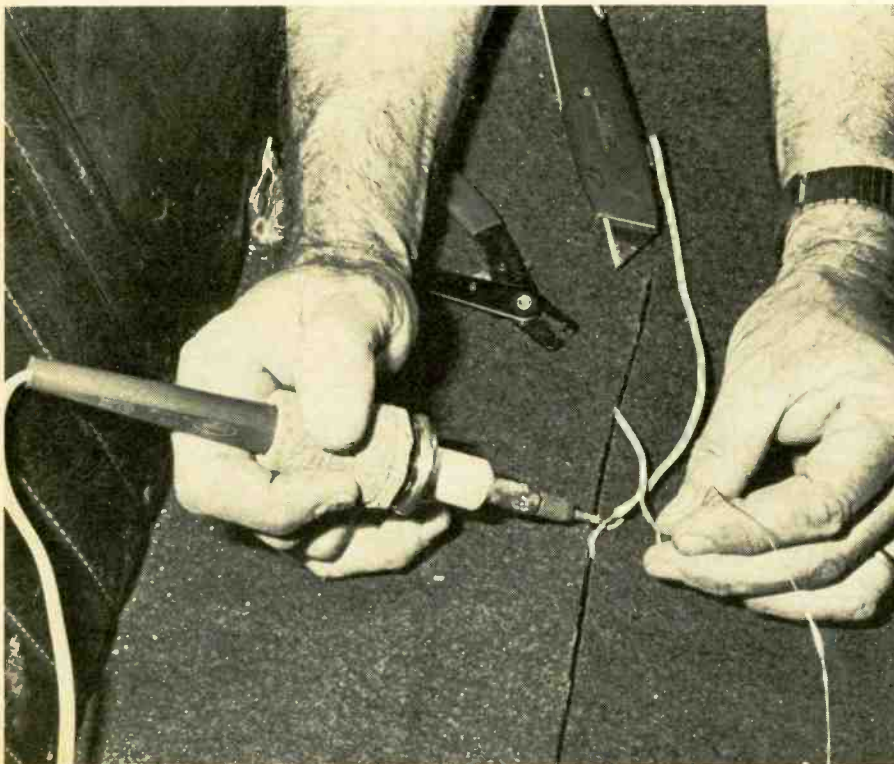
Security system components include a solid-state alarm module, public address horn, and all wiring and hardware required for installation. There are many optional components available to make this a more personalized system for your particular needs.



The system boasts a built-in motion detector that will detect a thief tampering with your boat or trailer. Motion detector sensitivity is set by adjusting a small screw found at the top of the module.



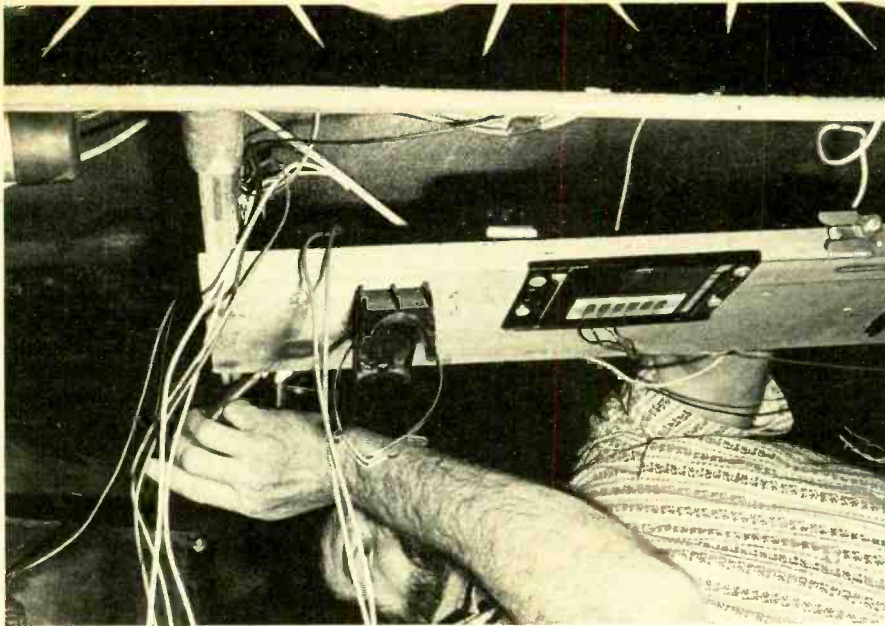
If your boat's carpeting can be pulled up easily, then perform this task and slip the mats underneath. If not, you'll have to slit the carpet with a utility knife for access. Pull back the edge of the carpeting and slide each mat underneath, leaving the wire leads exposed.



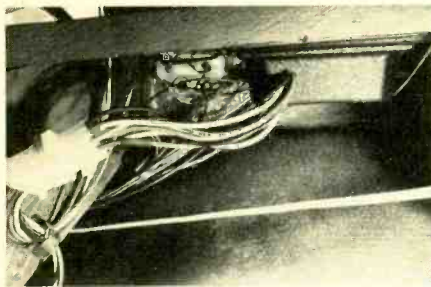
Solder and tape these leads to a main wire that will join all mat leads together. Then, route this main wire underneath the carpet to the spot where the central alarm model will be located.



Roll out heavy-duty carpet tape and cut a length that corresponds to the size of the cut made in the carpeting. Slip the carpet tape underneath the carpet so the sticky part of the tape touches carpet on each side of the cut. After the tape is positioned, press down on the carpet along the entire cut edge. You'll hardly know the cut was ever there!



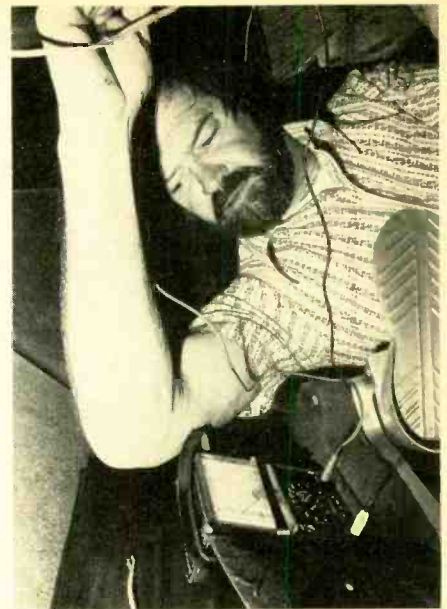
In our sample installation, we decided to install the module above a wood section that ran side-to-side under the dash area. Wires from the alarm's wiring harness are now hooked up to power and ground sources.



This close-up view shows the alarm module secured to the wood section with wood screws. Note the quick-disconnect wiring harness provided with the system.



Under the deck, find a suitable mounting spot to attach the horn bracket. Hold the bracket in place, mark through the bracket holes, and drill. Secure the horn to its bracket with hardware provided, then run horn wiring to the alarm module. After all connections are made per directions the system is ready to work for you to protect your investment.



Use a meter (or trial-and-error) to locate a wire that is always hot at the ignition switch. A second wire that's hot only when the switch is "on" will have to be located, also.

much like those used by doctors for contact in emergency situations.

Unlike cheap vehicle-type alarms that utilize an accessory key switch for arming and disarming the alarm, CEI's *Sea-Curity* system is tied into a boat's stock ignition switch. All a boater has to do to disarm the system is enter his boat and switch the ignition to the on position before a pre-set entry delay time has expired. If you do not wish to leave your keys in the ignition, simply reach to the alarm module's hidden location and flip its switch to the off position. The real benefit of this type of arming and dis-

arming is that there is no tell-tale accessory switch to give a thief advance notice that the boat is electronically protected.

While the boat and trailer are stationary at home or in a parking lot, the system's motion detector and optional pressure-sensitive mats will protect against tampering. You can turn the system off when running the boat by simply flipping a switch on the alarm module. However, if you wish to beach or dock the boat and still keep your craft and equipment protected, just turn the motion detector off and activate the system. The pressure-sensitive floor mats will protect against unauthorized entry, but the movement of the water will not false-trigger the system.

If a thief attempts to steal equipment stored in the boat or jostles it in any way while trailered, the system's built-in motion detector or pressure-sensitive mats will trigger the siren. If, while docked or beached, a thief enters the boat, the siren will again sound and all those within 200 yards will hear the alarm. And if you add the optional transmitter/pocket pager to the security system, you will be personally notified of an attempted theft via a beep-tone at the pager. It's really fool-proof.

As you can well appreciate, this security system offers all of the desirable features a sophisticated alarm system should have. It presents the highest degree of protection available on the market today—yet it's easy to install. A typical installation project should take no more than an afternoon for a capable do-it-yourselfer.

Further information on the "Sea-Curity" system may be obtained by contacting California Electronics Industries at 5480 Katella, Unit #207, Los Alamitos, California 90720. 