

TEXAS LOCKSMITH'S ADVISOR

November 2004

Texas Locksmiths Association
Steve Sandlin, Editor

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Comments, queries, or material for inclusion in this publication should be sent to the attention of the Editor at the address shown above. Changes of address should be sent to the Secretary. Submissions must be received by the 10th of the month prior to the publication date. Other associations wishing to use material from the ADVISOR are requested to give appropriate credit to TLA. Articles published in the Texas Locksmiths Advisor do not necessarily represent the views of the Texas Locksmiths Association or the TLA Board of Directors as a whole. Some articles reflect the views and/or opinions of the individual writer only.

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Or email information to btitus@sprintmail.com

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<p>TLA 41ST ANNUAL CONVENTION & TRADE SHOW</p> <p>IN THE DOWNTOWN MARINA DIS- TRICT ON CORPUS CHRISTI BAY</p> <p>MARCH 22 - 27, 2005</p>	

SUBMISSIONS TO TEXAS LOCKSMITHS ADVISOR

**Send your Comments, Questions, Suggestions, Articles, Letters,
Tips & Tricks, News & Class/Event Information to the Editor by:**

Email to: TLA_Newsletter@hotmail.com Regular Mail to:

**Steve Sandlin
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Submissions for inclusion in this publication must be received by the 10th of the month prior to the publication date. E.g., Submissions for the December issue must be received by November 10.



TLA IS AN AFFILIATE MEMBER OF ALOA
www.aloa.org

President's Message

Fall is upon us. The weather is cooling and life is good. I have noticed the leaves changing and by the time you read this the holidays will be upon us. I wish you all the best for Thanksgiving.

I still get a few phones call with someone wanting to know what is going on about "This licensing thing". My first thought to retort is, "Have you been living in a cave?" But there are still locksmiths out there that do not know they are being licensed and registered. So if you speak with another locksmith ask them if they are aware. There will only be a month of so left by the time you get this for them to register. I am going to Fredericksburg for LASA's Lockfest. This is always a great time had by all and if you have never attended you might want to do so next year. It is held in Fredericksburg, TX., which is always a nice place to visit.

I had mentioned last month about the Hurrricanes in Florida and prayed they would be spared. Well Ivan agreed for the most part but did a lot of damage to the Alabama and Florida Panhandle. I was in New Orleans that Monday before taking some time off. I was on the way to Biloxi, MS. to teach a class. I woke up Monday and turned on the weather channel. Well here comes Ivan and there goes Jim..... The drive from home is usually 7 ½ hours. It took us 13. There we a LOT of cars from Louisiana going the same way. Then in 2 weeks I am supposed to go to Orlando on Tuesday and hear comes Jeanne. She passed and I made it to SERLAC for a week. There are 2 more months of the Hurricane season so just to be safe I am not going anywhere.

The TLA Board is getting geared up for the convention and would sure like some help to make it a success. Just a little input once in a while from someone would be nice. The Board needs to find someone who would be willing to become the Secretary for TLA. We have a new Membership Chairman, Steve Morris, LASA President. I really appreciate him helping us out. So members put the word out we need help in the form of a Secretary.

TLA is having a Board meeting in Corpus Christi at the Omni Hotel on November 20th, 2004 at 9:00 AM. Please come join us. This is your TLA and your board. We just spend all our time trying to read your minds.....

I will be moving by the time you get this after selling my house and maybe out of touch as far as emails and computers go for several months. So if you need anything just give me a call. I am sure you will all burn up my air time with all your good ideas and offers to help. Right? Till the worm turns.

Jim Hetchler

Subscribe to TLA's eMailing List to receive this publication [Texas Locksmiths Advisor] by email/download instead of regular mail. Go to www.texaslocksmiths.org/advisor and Subscribe to the eMailing List for User Name / Password to Members Area . Or, send an email to tl_a_advisor@texaslocksmiths.org with SUBSCRIBE in the Subject line. You must supply your Last Name, First Name, TLA Member # and send from a valid email address. Note: AOL has a bulk email blocking system; Please use an alternate email account/address.

I encourage you to Subscribe to TLA's eMailing List to receive important announcements and the most up-to-date information as it is posted. By subscribing, you will also save the Association printing and mailing costs.

Thanks in advance, TLA Webmaster

TEXAS LEGISLATIVE FUND

The Texas Locksmiths Association monitors legislation, licensing, and regulation to look after the interests of locksmiths in Texas. A portion of the membership dues helps maintain this program, but additional contributions are needed. Those wishing to support this effort with a donation or donate items for auction, please contact a member of the board or call 1-877-TLA-INFO.

UP COMING EVENTS

- | NOVEMBER | DECEMBER |
|--------------------|-----------------|
| 2 Election Day | 9 LASA Meets |
| 8 ALNT Meets | 13 ALNT Meets |
| 9 GHLA Meets | 14 GHLA Meets |
| 11 Veterans Day | 20 GDLA Meets |
| 11 LASA Meets | 25 Christmas |
| 15 GDLA Meets | |
| 20 TLA Board Meets | |
| 25 Thanksgiving | |
| 2 TLA | |

MEMBERSHIP

The following persons have applied for membership in the Texas Locksmiths Association.

Applicants will be listed in the Advisor for a period of 90 days to allow members the opportunity to identify any applicant that may be deemed "not suitable" for membership and allow proper notification of the Membership Chairman, Butch Titus at 210-649-2166 or email btitus@sprintmail.com, of such applicant.

30 Days

Charles W. Camp-Rowlett TX
 James E. Brandon-Mineola TX
 Colleen G. McAdoo-Houston TX
 Charles W. Newsom-Belton TX
 Brian E. Long-Houston TX

60 Days

John Weber, El Paso, TX
 Ruben Beltran, El Paso, TX
 Ana Clark, Nevada, TX
 William Clark, Nevada, TX
 Laura Cox, Dallas, TX
 Billy Lee, Lufkin, TX
 Troy Niemeyer, Texarkana, TX
 Darrell Jackson, Yoakum, TX
 Ruben Sanchez, Houston, TX
 Dennis LeDuff, Cedar Hill, TX
 Devon Willis, Irving, TX
 Chadwick Thorton, Cypress, TX

90 Days

Keith Garvin, The Colony, TX
 Dennis Boeshart, Abilene, TX
 Dennis Williams, New Braunfels, TX
 Susan Prall, Jewett, TX
 Marvin Huggins, Austin, TX
 John Brents, Whitehouse, TX
 Jason Stewart, Odessa, TX
 Donald Guthrie, McAllen, TX
 Edwin Howell, Harlingen, TX
 Frank Bellizzi, Altus, TX
 Brain Brookhouse, Carrollton, TX
 Robert Vinyard, Borger, TX

Cont. on p.4

MEMBERSHIP *Continued from page 3*

Keith Christie, Dumas, TX
Gordon Trobaugh, Houston, TX
Richard Clayton, Spring, TX
Keith Schlesner, Amarillo, TX
Joe Johnson, Dallas, TX
Craig Bednar, LaGrange, TX
John Yates, Caldwell, TX
Dana Smith, Houston, TX
Jimmy Sharp, Little River, TX
Earl Elliott, Crowley, TX
Bruce Paget, Midland, TX
James Stacks, Jr., Milford, TX
Harry Roberts, Jr., Lumberton, TX
Richard Madden, Katy, TX
Jeremy Camp, Forney, TX
George Poen, Stephenville, TX
Julio Dominguez, Jr., Alice, TX
Jimmie Morgan, Andrews, TX

WELCOME NEW MEMBERS

Eugene Wilkes, Longview, TX
John Everich, Mineral Wells, TX
Michael Marry, Jacksonville, TX
Jerry Eckhart, Cisco, TX

NEW ASSOCIATE MEMBER

First Insurance Services-Jasper TX

Have a tip that would help your fellow Texas Locksmiths? Let everyone know by submitting it to the ADVISOR! Submission instructions may be found on page 12 of this month's ADVISOR.

MEMBER RECRUITMENT INCENTIVE PROGRAM

In an effort to increase membership in The Texas Locksmiths Association the Board of Directors has voted to install a new member recruitment program that will benefit CURRENT members.

We believe our best ambassadors are our current members. This Incentive Program will give you special benefits for bringing colleagues and employees into the association in order to reach important membership milestones. It's our way of saying "Thank You" for being an active member.

As our membership expands, so too will the service to members, creating even more reasons to join. Your participation and support will ensure that your association will become an increasingly valuable resource for all Texas Locksmiths.

Effective immediately and dating back to August 2, 2003, any TLA member in good standing that first line sponsors a new member application shall be entitled to the following amenities:

1. First line sponsor on 2 –3 new member applications shall receive one (1) free convention registration.
2. First line sponsor on 4 – 6 new member applications shall receive one (1) free convention registration and one (1) free convention "party" ticket.
3. First line sponsor on 7 – 10 new member applications shall receive one (1) free convention registration, one (1) free convention "party" ticket, and one (1) free sleeping room night during annual convention.
4. First line sponsor on 11 – 14 new member applications shall receive one (1) free convention registration, one (1) free convention "party" ticket, one (1) free sleeping room night during annual convention, and a plaque.
5. First line sponsor on 15 or more new member applications shall receive one (1) free convention registration, one (1) free convention "party" ticket, one (1) free sleeping room night during annual convention, a plaque, and one (1) free class during annual convention.

This program is open to ALL TLA members in good standing with the exception of those members serving on the board. Member MUST be current with his/her membership dues during the year in which program is in effect. Program shall run from January 1st – January 1st of each year with the exception of the first year program is in effect (2003), which shall run from August 2nd to January 1st. This program shall remain in effect until such time the Board of Trustees votes to cancel the entire program.

As you can see, anyone first line sponsoring a new member application will benefit greatly. Get out there and find locksmiths who are not current members and SIGN THEM UP NOW !

LEARN AND EARN

Access control installers/helpers needed. Houston and statewide. Email locksmith@totalzone.com or call 1-888-924-0969.



Please post or announce this job opening for part-time Locksmith located in Grand Prairie, TX. If you or someone you know may be interested, please have them forward their resume as soon as possible. Thank you!

COG Staffing
P. O. Box 141922
Irving, TX. 75014-1922
972-254-6883 Office
972-254-6797 Fax
Eldred White, Branch Manager
email: cogrecruiting@comcast.net

COG Staffing, a executive search firm, is seeking a part-time Locksmith in Grand Prairie, Texas. It is about 20 hours a week and pays \$13-15 hr. You must have a clean background and able to pass a Government clearance. You must have 1 to 2 years experience with electronic locks, cypher locks and electronic deadbolts locks. Please email your resume and references in word format to cogrecruiting@comcast.net

FOR LOCKSMITHS NEEDING INFORMATION ON LICENSING, CONTACT TLA PRESIDENT JIM HETCHLER AT:

TEXASLOCKSMITHS@AOL.COM

Visit TLA's Website at www.texaslocksmiths.org

*You Are Cordially
Invited*

*To the Meeting of the
Board of Directors
Of the
Texas Locksmiths Association*

**To Be Held November 20
Beginning at 9 AM
In Corpus Christi
At the
Omni Hotel
900-707 Shoreline**

**Come meet your board members and give
your input regarding matters concerning
your Texas Locksmiths Association.**

TEXAS LOCKSMITHS) ASSOCIATION

41st Annual Convention And Trade Show

**Omni Hotel Corpus Christi
900-707 Shoreline**

March 22-27, 2005

**Featuring Classes, Seminars,
And Exhibits**

Convention registration packets will be mailed out to Texas Locksmiths Association members in the next few months. It's not too early, though, to mark your calendar and make plans to attend. Included in the registration packet will be information on the hotel, and other items of interest to spouses during the convention. As usual, the trade show will feature a large number of vendors showing their products and many will be featuring special incentives available only during the convention. The TLA web site will also contain up-to-date information on the convention.

See you in Corpus!

HOW DOES IT WORK POWER SUPPLIES

By Steve Sandlin

Most of the power supplies we encounter in the security industry are simple, and the majority are used to generate low-voltage direct current from a utility-supplied AC circuit within a building. These simple supplies will be the scope of this article.

In its simplest form of taking a high voltage alternating current and changing it to a low voltage direct current, the power supply offers a minimalist approach. Connected to the incoming AC through a power cord and fuse is the transformer. Through electromagnetism, the voltage is reduced to a level needed for the output of the supply. Next we must change the AC into DC using some sort of rectification.

Though a single diode (which only allows current flow in one direction) may be used, we more often find a bridge rectifier, which is simply 4 diodes connected in a manner which pass one-half cycle of the sine wave, then invert the opposite-going half of the sine wave to create a rippling direct current. In many cases this is sufficient for our use, but certain uses require the waveform to be cleaned up a bit to become a more true DC.

The filtering, or cleanup of this DC is normally achieved by use of a capacitor in parallel to the supply. It charges during the high point of the wave and discharges through the low point, thus evening out the voltage. The only problem with this type of power supply is fluctuating voltage, depending on load and input voltage.

The supply voltage, now cleaned up through the filtering, may be regulated through a voltage regulator chip. In its simplest form, it is a pass transistor controlled by a circuit monitoring the output versus the input. If only small amounts of current are being regulated, there are single-chip 3 lead devices that may be used to do the job. They only need input, ground, and output references to work. It is sometimes necessary to incorporate a small additional bypass capacitor across the output of these chips to filter high frequency noise generated by the chips.

That is the power supply at its simplest. They generally are not very complicated, though there are some, such as switching supplies, which can be very difficult to design or repair. These supplies, though, are not ones we will generally see in access control or similar applications. Other references are available which explain more thoroughly the individual components and the theories of operation of power supply circuits.