



# Paw Prints

VOLUME 4, ISSUE 1

## SPECIAL POINTS OF INTEREST:

- GTP 3800
- Don't miss the Holiday Party!

## INSIDE THIS ISSUE:

Letter from the Editor	1
The GTP 3800 Supercharged V6 Engine	2
Tiger Bytes/ New Members	5
For Sale	6
Meeting Minutes	7
Calendar of Events	8
Flyers	9
Sponsors	12

Welcome to 2013!

Already, Mother Nature is reminding us of the math of an average winter temperature and average winter snowfall. It seems like this could be a long, cold winter.

At least we'll have our Holiday Party to look forward to! The company of good friends with good food, good drink and good times. I hope to see you there!

Don't forget our annual Swap Meet. We'll be hoping for good weather so that vendors and spectators alike all come out for a great swap!

We are in the process of finding a location for this year's show and deciding on the format (one or two day).

Finally, Stan Farlow is working with a few of us to put together a club cruise calendar of sorts. With the success of the cruise to the Pennsylvania winery, club members want to do more things together. This is a GREAT thing! So we will commit to at least a couple times a month publishing a cruise or a trip and hoping for members to come and spend time together.

There was talk of Woodward, the Co-Venture, Norwalk and a couple other trips.

Also, I hope you enjoy Steve's article on the GTP 3800 V6.

All this and more details are in the following pages. Please! I need more content. Send it to me or volunteer for a Member Spotlight. Contact me for either of those items!

Stay warm and be safe!

—Kevin



# The GTP 3800 Supercharged V-6 Engine by S. Schaeffer

The GTP 3800 Supercharged V-6 engine is a real powerhouse. With a net horsepower rating of 240HP in the GTP and 260HP in the Grand Prix GTP Comp G at 5200 RPM these are very under rated engines. The supercharged engine also produces 280 foot-pounds of torque at 3200 RPM. Substantial horsepower is available in modified form. Melting the tires in first gear, my GTP ran similar times to my Tri-Power '64 GTO when it was also traction limited and pure stock. Today there are many GTPs turning times that our 60's muscle cars only ran in our dreams.

The 3800 was a Buick built engine. The only GM engine with a longer production span is the Chevrolet small block V-8. In 1961, Pontiac created the Tempest four cylinder engine by cutting 4 cylinders off the 389 V-8. Buick liked this economical idea. In 1962, Buick cut 2 cylinders off the 215 aluminum V-8 to build the cast iron 198 cubic inch V-6. This became a 231 cubic inch V-6. The first engines were odd fire V-6s because they had 2 connecting rods attached to each crankshaft journal just like a V-8. This made for a very strong crankshaft, but a rough running engine. In 1977, a special crankshaft was designed with offset journals. With just one connecting rod connected to each crank journal this became a very smooth running engine. This even fire V-6 became the basis for the 3800 that came out in 1988.

The 1988 3800 engine had a redesigned block to better align the cylinders with the even fire crankshaft. Additional upgrades included lightweight pistons, roller lifters, and a balance shaft to reduce vibration. The first supercharged 3800 appeared in the Park Ave Ultra in 1991. In 1995, the 3800 was upgraded again to the Series II 3800 V-6. It has 3.80 inch bore and a 3.40 inch stroke. The supercharged version first appeared in 1995 in the Park Ave Ultra and the Riviera. With the redesign of the Grand Prix for 1997 this became the GTP engine. The supercharged engine has a compression ratio of 9 to 1.





# The GTP 3800 Supercharged V-6 Engine continued

The supercharged Series II 3800 engine created a new interest in V-6 performance. This engine uses many state of the art parts. It has beehive style valve springs, roller rocker arms, and very strong 3/8 inch diameter pushrods. Of course it also has the redesigned block, cylinder heads, light weight pistons with full floating pins, even fire crankshaft, balance shaft, and a hydraulic lifter roller camshaft. The block also uses cross bolted main bearing caps on all but the rear main bearing. Like many performance engines, it also uses a full length windage tray to lower windage horsepower loss and to provide quicker drain back for the oil thrown from the crankshaft at high RPM. It also has a 60 pound oil pump.



With the supercharger you get instant performance. Unlike with a turbo, it doesn't have to spool up first. You don't get the dreaded turbo lag. The more air and fuel you can pack into a cylinder, the more power an engine will make. A normally aspirated engine is restricted to the amount of air that can be pushed in by atmospheric pressure alone. The Eaton built supercharger is a giant air pump. It raises the pressure inside the intake manifold. When the intake valves open, more air and fuel flow into the cylinders, increasing the power.

# The GTP 3800 Supercharged V-6 Engine *continued*

All the power producing parts that you would add to a normally aspirated engine will work on the GTP, plus a few more.

1. Smaller blower pulley. The stock pulley is 3.8 inches in diameter. The aftermarket offers 3.6 and 3.4 inch pulleys. Overdriving the supercharger increases the boost pressure from the stock 6psi. More boost, more horsepower.
2. Air to air intercooler. When the supercharger compresses the air it also heats it up. Colder denser air makes more horsepower.
3. Cold air induction kit. The under hood air is too hot for ultimate performance.
4. Larger throttle body. More cubic feet per minute of air. Just like adding a bigger carb in the old days. Also you may need high flow fuel injectors.
5. Performance thermostat 180 degrees. The stock thermostat is rated at 195 degrees and the engine runs at least 10 degrees hotter than that. A cooler engine makes more power.
6. Performance exhaust. Start with ported exhaust manifolds or coated headers. The stock exhaust manifold has a 1 and 3/4 inch opening where the crossover pipe meets it. Also add a cat-back exhaust system. Note the outlet on the stock exhaust manifold is 2 and 3/4 inches where the head pipe meets it.
7. Reprogrammed power train control module [PCM- computer } and dyno-tuning.
8. Performance hydraulic roller camshaft or high ratio roller rocker arms. Comp Cams has a hydraulic roller blower performance camshaft in their Xtreme Energy line up. It works best with a pulley change for increased boost. It also requires special valve springs. The operating range is 1,000 to 5,500 RPM. Comp Cams part number is 76-802-9. Advertised duration is 264 degrees intake, 274 degrees exhaust and .512 lift. You can also check with other manufactures.
9. Forged pistons. Don't exceed the stock compression ratio of 9 to 1 if you want to run pump gas.
10. Ported cylinder heads.

A mild buildup would consist of the fresh air intake, smaller blower pulley, cat back exhaust, and a reprogrammed computer. A more aggressive buildup would add the special blower grind roller camshaft and valve springs. As well as headers or ported stock exhaust manifolds. Also the PCM would need to be updated for the additional boost.

It is possible to add 100 horsepower to the 3800 GTP engine and still be very street friendly. Work with one of the 3800 performance specialists to figure out which parts you need and what to order. You don't need overhead cams and 4 valve per cylinder head to make pure old American pushrod generated horsepower. Happiness is a low ET.



# Tiger Bites! - Noteworthy News Bites

- ◆ **Club Cruise Calendar:** Stan Farlow is working with a few of us to put together a Club Cruise Calendar where we can set some events to attend or cruise as a club at least a couple times a month. It will be part of the Paw Prints' Calendar of Events. We hope to do a lot more trips this season together. Stay tuned!
- ◆ Our Holiday Party will be held on February 9, 2013. Location is at Lonnie and Lynn's. \$10 per person. **Please RSVP to Lonnie @ londart@aol.com or at 614-327-8885. Send your money to the Donna Landis by February 4, 2013!** Bring a dessert. See full page information later in this month's Paw Prints.
- ◆ **Our 2013 Swap Meet will be on March 17, 2013 (not March 23) at Haydocy.** We will use the same times and pricing as last year. Club members who want a spot will be able to get one at a discounted \$10. Members with one or two items to sell, can use a spot we will set aside for that. If you can help for setup please be at Haydocy before 7am. Anyone willing to meet for breakfast at Tee Jay's, look for an email for the time.
- ◆ 2013 is the year of the second GTOAA/POCI Co-Venture in Dayton at the Nutter Center. Many club members are planning on attending. Get your hotel reservations in early if you want to stay close to the show. Host hotel room block (with the co-venture group rate) and the hotel next door are sold out (regular rooms may still be available). Host hotel is the Holiday Inn again. Homewood Suites, Hampton Inn and Fairfield Inn are very close and Residence Inn is relatively close. Come to the next club meeting to find out who is going when and where they are staying.
- ◆ If you need to renew or are thinking of renewing your **GTOAA membership, please do so** to ensure our club remains a valid GTOAA chapter with all the benefits of that status. There is an application in your Paw Prints below and the GTOAA can now take membership applications on line. **You will need to be an active GTOAA member to register for the Co-Venture!**



## Welcome New Members!

- ◆ **Mike McVan**—Mike Lives in Powell with his wife Stacy and his 2 children (3 years old and 8 months old). Mike is an automotive painter and he loves wineries and local shows. Mike is the proud owner of 3 GTOs:
  - ◆ 1970 GTO Judge Bermuda Blue
  - ◆ 1971 GTO Castillion Bronze
  - ◆ 1972 GTO Sundance Orange



# For Sale

- ◆ For Sale! A TON of miscellaneous 1964–1969 GTO parts and some Pontiac Sales Literature for many years. See the club web site, in the Forum section in the For Sale Forum for the entire list and contact information (<http://www.gtoaco.com/forum/index.php>) CALL 440 254-4642 or email me ([patandgreg2011@hotmail.com](mailto:patandgreg2011@hotmail.com))
- ◆ For Sale! 1967 GTO Convertible. Power Steering, Power Brakes, Automatic Trans. NEEDS TO BE RE-STORED. \$5000 Call Joe Block at 740-472-0347.
- ◆ DJ GTO Parts! Now your one stop shopping place for used and NEW GTO parts. If you know the part number, great, otherwise just let them know what it is you need! See Dan Gregory Jr. (or call 614-563-0877 or email [info@djgtoparts.com](mailto:info@djgtoparts.com)) for more information and options for taking delivery of your parts or visit their website at <http://djgtoparts.com/>. GTOACO members receive a discount!



*Send in your items for sale to your Paw Prints Newsletter Editor (pictures welcome).  
Remember, ads are FREE to GTOACO Members!*



# Meeting Minutes January 9, 2013 Meeting

President Jim Evans called the meeting to order. Those in attendance were Kevin Landis, Pam & Stan Farlow, Max Treier, Lonnie & Lynn McLaughlin, Jim Lowry, Richard Whaley, Doug & Toni Boyle, Jim Lokai, Terry Bartlett, Dan Gregory Jr., Brent Barham, Jeff Frazier, Ron Cozzo, Kevin Russo, Steve Schaeffer, Mike Shockley, Ron & Donna Landis.

**Treasurers Report:** Mike Shockley gave the Treasurer's report.

**Holiday Party:** February 9th, 2013 will be at Lonnie and Lynne McLaughlin's new home in Dublin. 6:00PM This year we require \$10.00 per person to help offset the cost. Once again we will be having Italian from Ann and Tony's. RSVP to Lonnie at 614-327-8885 or e-mail him at londart@aol.com Money should be sent to Donna Landis at 58 Arlington Ave., London Ohio 43140 no later than February 4, 2013. Lonnie asks that you park on one side of the road so that traffic can still get through.

**Swap Meet:** March 17th, 2013. Jeff Inskeep is working on the flyers and they should be going out by next week. Add about swap meet is in the Legend. Any member who has a contact for free advertising is urged to use it. As on the past some members are meeting for breakfast at TJ's. Contact Jim Evans on the time. Spinelli's Deli will be there to serve breakfast and lunch.

**2013 Nationals:** Not much going on at this time. Get your hotel reservations ASAP as rooms area running out.

**Summer Show:** Dates that are being kicked around are June 14th & June 22nd and June 14th & June 15th. Still deciding on a two day event. Nothing was decided at the meeting but it was urged that a decision will need to be made at the February Meeting. Hotels we are looking at are the Druy Inn at Tuttle (they are in the City of Columbus so we would not have to have special permits) and the Double Tree at the Crosswoods (23 and 270). Safe Auto is still interested in helping and Nationwide Insurance is showing an interest. We will have some discussion at the party.

Sending prayers to Jack & Leah Ferron and Joe & Renda Bennett.

**Next Meeting: February 13th, 2013**

Meeting Adjourned: Motion made by Kevin Russo, 2nd by Toni Boyle

Submitted by Donna Landis, Secretary

*Meetings held  
the 2nd  
Wednesday  
each month at  
Haydocy  
Automotive on  
W. Broad St.  
Columbus, OH*



# Calendar of Events

**February 13, 2013**

**Regular Meeting 7pm @ Haydocy Automotive**

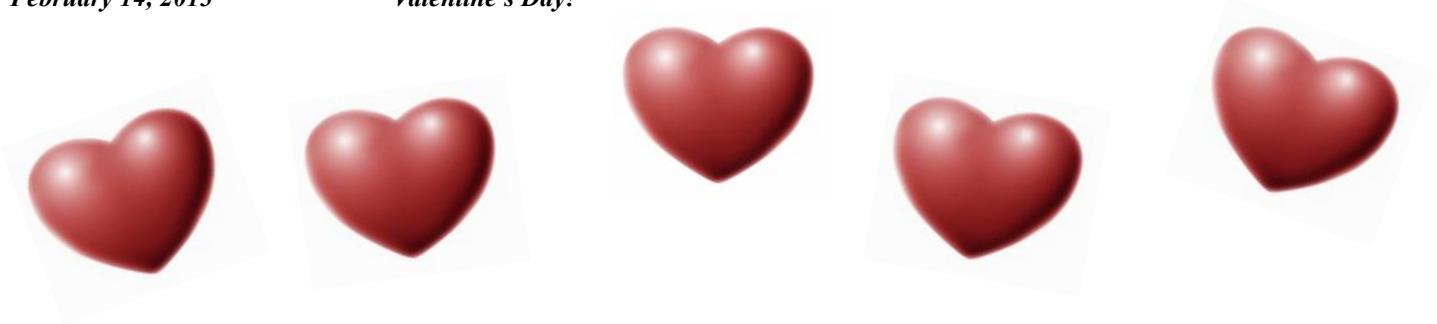
To eat before the meeting be at Rooster's on West Broad St. anytime after 5:00PM. Roosters is located in the parking lot in front of the strip mall across the street from Jeg's former Broad St location\

**February 9, 2013**

**Holiday Party at Lonnie and Lynn McLaughlin's new home in Dublin @6:00PM.** Bring a dessert. Please RSVP to Lonnie and Lynn at 614-327-8885 or e-mail him at londart@aol.com. **Please park on one side of the road to allow traffic to get through.**

**February 14, 2013**

**Valentine's Day!**



## FEBRUARY 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9 <i>Holiday Party 6pm @ Lonnie &amp; Lynn's</i>
10	11	12	13 <i>Club Meeting 7pm</i>	14 <small>VALENTINE'S DAY</small> 	15	16
17	18	19	20	21	22	23
24 <i>Daytona 500</i>	25	26	27	28		



# 2013 GTOACO Holiday Party!

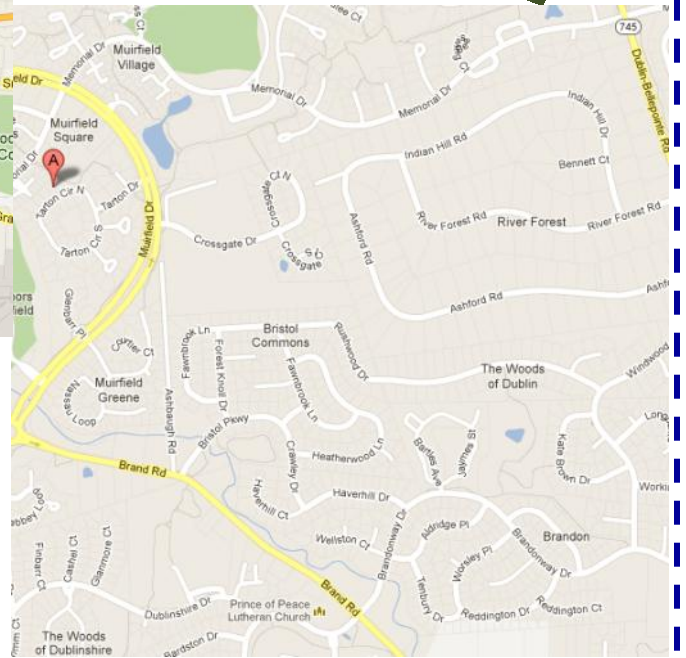
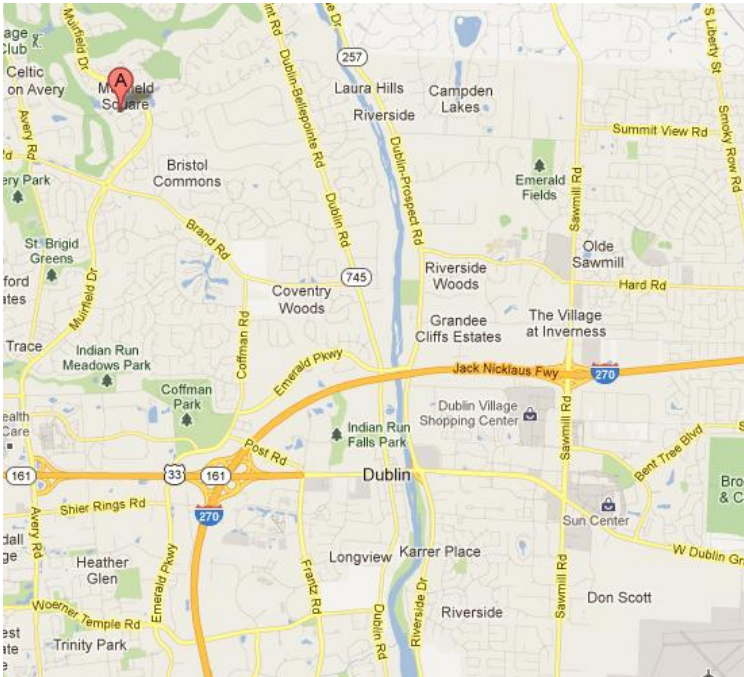
When: Saturday February 9, 2013

Where: Lonnie and Lynn McLaughlin @ 5808 Tarton Circle North Dublin, OH 43017

How much: \$10 per person

What to bring: If you would like to bring something, a dessert would be appreciated

What you need to do: RSVP to Lonnie at [londart@aol.com](mailto:londart@aol.com) or 614-327-8885. Send our money to Donna Landis @ 58 Arlington Ave London, OH 43140 BEFORE FEBRUARY 4, 2013!



# ALL PONTIAC INDOOR SWAP MEET

March 17, 2013

Enter on East Side of Building  
at the Service Entrance

*Haydocy*

HAYDOCY AUTOMOTIVE, 3985 WEST BROAD STREET, COLUMBUS, OH

VENDOR SET-UP 7:00 A.M. - 9:00 A.M.

OPEN TO PUBLIC 9:00 A.M. - 1:00 P.M.

**10' x 10" spaces - \$15.00 each**

**\$2.00 general admission**

For swap & vendor information call:

Jim Evans (740) 927-5302

e-mail: [gtoaco71@columbus.rr.com](mailto:gtoaco71@columbus.rr.com)

[www.gtoaco.com](http://www.gtoaco.com)

**Or write to:**

GTO Association of Central Ohio

13791 Cable Road, Pataskala, OH 43062

GTOACO and Haydocy Automotive are not responsible for any damage or injury.



# 2013 POCI & GTOAA Co-Ventio Registration Form

41<sup>st</sup> Annual Pontiac Oakland  
Club International Convention

34<sup>th</sup> Annual GTOAA Convention

July 9<sup>th</sup>-13<sup>th</sup>, 2013



### Office Use Only

Reg # \_\_\_\_\_

Date \_\_\_\_\_

Check # \_\_\_\_\_

Wright State Nutter Center  
Dayton, Ohio

REGISTRATION IS REQUIRED FOR ALL ATTENDING MEMBERS, EVEN IF NOT ENTERING A VEHICLE.  
MEMBERS OF BOTH NATIONAL ORGANIZATIONS MUST REGISTER WITH EITHER POCI OR GTOAA  
REGISTRATION FEE COVERS: MEMBER, SPOUSE OR SIGNIFICANT OTHER, AND CHILDREN

MEMBER REGISTRATION FEE: **\$59.00** ~ AFTER JUNE 1<sup>st</sup>: **\$80.00**

Name \_\_\_\_\_ POCI or GTOAA Number \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_

Email Address \_\_\_\_\_

Credit Card # \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

(VISA, MC or DISCOVER) Exp. Date \_\_\_\_\_ / \_\_\_\_\_ Sec. Code \_\_\_\_\_

CHECK OR MONEY ORDER (NON-REFUNDABLE) MADE PAYABLE TO AND MAIL FORM TO:

CHECK EITHER THE POCI OR GTOAA BOX BELOW AND MAIL ACCORDINGLY

2013 POCI CONVENTION

POCI 2013 Convention  
PO Box 68  
Maple Plain, MN 55359

2013 GTOAA CONVENTION

Pontiacs Of Southeastern Indiana  
GTOAA 2013 Convention  
PO Box 259  
Oldenburg, IN 47036



Visit [www.gtoaapocinationals.com](http://www.gtoaapocinationals.com) for updates and the latest event information! For sponsorship opportunities and vendor registration please contact Paul Freese @ 812-614-3332 or see the website. Information will also be available at [www.poci.org](http://www.poci.org) and [www.gtoaa.org](http://www.gtoaa.org).

Convention Activity Sign-Up Packets will be available after March, 1 2013. Please check your delivery preference:

via E-mail or

via USPS

Save postage and check [www.gtoaapocinationals.com](http://www.gtoaapocinationals.com) regarding electronic registration!  
POCI questions can be directed to the POCI Club Office at 877-368-3454.  
GTOAA questions can be directed to Doug Pulskamp at 812-212-6280.

Hotel reservations are the responsibility of the registrant. Convention rate rooms will be available for

reservation starting July 23, 2012. Information on the "Host Hotel" and surrounding area hotels can be found at the website. Mention "2013 Co-Ventio" to reserve rooms at the special rate.





# GTOACO Club Officers

## President

Jim Evans  
13791 Cable Rd  
Pataskala, OH 43062  
740-927-5302  
[gtoaco71@columbus.rr.com](mailto:gtoaco71@columbus.rr.com)

## Vice President

Kevin Landis  
112 Chandler Ave  
London, OH 43140  
740-361-1116  
[klandis@absolutecleaner.com](mailto:klandis@absolutecleaner.com)

## Treasurer

Mike Shockley  
6812 Chateau Chase Dr.  
Columbus, OH 43235  
614-395-6411  
[schockleymike@att.net](mailto:schockleymike@att.net)

## Secretary

Donna Landis  
58 Arlington Ave  
London, OH 43140  
740-506-5804  
[sharklandis@netscape.net](mailto:sharklandis@netscape.net)

## Board of Directors

Toni Boyle  
6394 Medinah Ct  
Westerville, OH 43082  
614-899-7716

## Ron Cozzo

1710 Buttermilk Hill Rd  
Delaware, OH 43015  
740-777-1135  
[rcozzo@earthlink.net](mailto:rcozzo@earthlink.net)

## Brenda Ferguson

8819 Crestwater Dr  
Galloway, OH 43119  
614-878-1789

## Newsletter Editor

Kevin A. Russo  
3175 Arctic Ave.  
Lewis Center, OH 43045  
740-549-2279  
[krusso\\_sp@hotmail.com](mailto:krusso_sp@hotmail.com)

## Newsletter Mailings

Bill Hartley  
9810 Roller Rd  
Byesville, OH 43723  
740-685-6525  
[bhartley@hartleyco.com](mailto:bhartley@hartleyco.com)

## Web Master

Paul Wilson  
107 Leonard Ave  
Newark, OH 43055  
740-973-7807  
[webmaster@gtoaco.com](mailto:webmaster@gtoaco.com)





**GTOAA Information**

Your chapter is an affiliated chapter with the GTO Association of America. You can join the National GTO organization, the GTOAA & receive the Golden Quill Award Winning publication, *The Legend*.

To Join complete the form below and mail in, or join online at [www.gtoaa.org](http://www.gtoaa.org)



**Membership Application**

Date: \_\_\_\_\_

Mem #: \_\_\_\_\_

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**GTO Ownership is not a requirement of membership to the GTOAA**

**GTO OWNERSHIP**

Year \_\_\_\_\_ Body Style \_\_\_\_\_ Engine \_\_\_\_\_

Year \_\_\_\_\_ Body Style \_\_\_\_\_ Engine \_\_\_\_\_

Year \_\_\_\_\_ Body Style \_\_\_\_\_ Engine \_\_\_\_\_

*I agree that, if elected to membership, I will conform to all rules of the Association and conduct myself in the manner that promotes the goals and purposes of the Organization.*

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

**DUES:**  
\$35.00/year for members in the USA, \$40.00USD/year for Canadian members, and \$50.00USD/year for all other international members. \$5.00 for associate memberships in the same family name (includes membership card, decal, and membership listing). There is a \$2.00 bank processing fee for applications paid by credit card.

CHECK / MO # \_\_\_\_\_

Mastercard / Visa Card # \_\_\_\_\_ Exp # \_\_\_\_\_

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Make Check/Money order payable to GTOAA:

Mail signed Application to: GTOAA, PO BOX 455, Timnath, CO 80547

# GTOACO Sponsors



## **Haydocy Automotive**

3985 West Broad St  
Columbus Oh 43228  
(614) 279-8880

## **Absolute Cleaning Services**

Cleaning Blinds, Fire Damage, Ceiling cleaning & service restoration

Kevin Landis, President

112 Chandler Ave

London Ohio 43140

740-490-7185

[klandis@absolutecleaner.com](mailto:klandis@absolutecleaner.com)

## **Inskeep Brothers, Inc.**

Printers

Jeffrey K Inskeep

3152 E Dublin-Granville Rd

Columbus Ohio 43231

614-898-6620

## **DJ Auto Parts, Inc.**

Dan Gregory, II

11283 Main St

Stoutsville Ohio 43154

740-474-4614

Fax 740-474-2314

Rust Free Parts & Cars Bought & Sold

## **Capital City Appliance Service**

Jerry Brownfield

2830-D Fisher Rd

Columbus Ohio 43204

614-308-9028

Fax 614-308-9034

[ccas2830@aol.com](mailto:ccas2830@aol.com)





2010-2012 GTOA Newsletter Certificate of Excellence Recipient

JANUARY 2013

A Publication of the GTO Association of Central Ohio

740-927-5302

Pataskala, OH 43062

13791 Cable Rd.

Jim Evans



2010—2012 GTO Association of America Newsletter  
Certificate of Excellence Award Recipient



**Paw  
Prints**